PROCEEDINGS

OF THE

MADRAS GOVERNMENT

IN THE

PUBLIC WORKS DEPARTMENT

BUILDINGS AND ROADS BRANCH,

FOR

THE MONTH OF MAY 1884.

Printed by Authority.

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GOVERNMENT OF MADRAS.

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Mettupalaiyam-Gudalur Main Road. Ordering, with remarks, that Local Fund Boards concerned be informed in the Financial Department that the charge of the — will, from 1st April 1885, be resumed by the Public Works Department.	3rd May No. $\frac{1111}{A}$	...	12th Jan. 1884, No. 99 W. 30th Nov. 1883, No. 3422 W. 20th July 1880, No. 1991 W. 15th May 1883, No. 162 R. 31st July 1883, No. 1998 W. 6th June 1882, No. 1456 W.
Ootacamund Drainage Scheme.—Estimates, amounting to Rs. 64,926, for an iron pipe sewer in connection with the —, sanctioned.	5th May No. 1112 W.	...	26th Nov. 1867, No. 3379. 15th Sept. 1872, No. 2227. 11th July 1881, Office Note No. 25 R. 22nd June 1883, No. 264 R. 29th Jan. 1883, No. 314 W. 16th Jan. 1884, No. 15 W. 19th Feb. 1884, Nos. 410-11 C. 13th Mar. 1884, No. 622 W.

1 Subject.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Pay and allowances of Native Officers promoted to be Assistant Engineers or to any Honorary Commissioned and of Civilian Upper Subordinates and Accountants promoted to be Honorary Assistant Engineers and Executives.—Resolution of the Government of India regarding the —, communicated to officers of the Public Works Department.	1884. 5th May No. 1143 W.	...	......
Sub-Registrar's Office at [illegible].—Estimate of Rs. 2,070 for constructing [illegible] in the Madura District, sanctioned with remarks.	5th May No. 1141 W.	...	31st Mar. 1883, No. 978 W.
Government Central Museum.—Gratuity to officers concerned in the business of the woodwork used in the construction of the gallery at the —.	5th May No. 1150 W.	...	7th Sept. 1883, No. 2613 W. 14th Sept. 1882, No. 2378 W. 22nd Mar. 1884, No. 718 C. 3rd April 1884, No. 810 C. 8th April 1884, No. 693 D. 30th Jan. 1884, No. 222 C. 20th Feb. 1884, No. 418 C. 20th Sept. 1882, No. 2503 W.
Buckingham Canal.—The appointment of a store-keeper on Rs. 25 per mensem in the —, sanctioned with remarks.	6th May No. 1181 W.	...	8th May 1884, No. 816 C.
Christ Church, Salem.—Estimate, amounting to Rs. 806, for improvements to the —, sanctioned.	6th May No. 1182 W.	...	23rd Nov. 1878, No. 4489 W. 8th Oct. 1879, No. 2530 W. 8th Oct. 1881, No. 2295 C.E. 14th Oct. 1881, No. 2346 C.E. 6th Mar. 1882, No. 697 C. 25th Jan. 1882, No. 204 W. 21st June 1882, No. 1508 W.
Native Infantry Hospital, Berhampore.—Revised estimate of Rs. 965 for constructing a compound wall round the —, sanctioned.	6th May No. 1128 W.	...	20th April 1883, No. 1230 W. 17th Mar. 1884, No. 357 C.
Road from Pyramore to Goobaddi in the Nizam District.—Revised estimate of Rs. 86,680 for metalling the —, sanctioned.	6th May No. 1121 W.	...	18th Mar. 1879, No. 768 W.
European Infantry Barracks, Bellary.—Estimate of Rs. 1,500 for constructing three cisterns to receive the waste water from the wash-houses of the —, sanctioned.	5th May No. 1125 W.	...	......

1 Subjects.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Sub-Registrar's Office at Tiruchengode.—Estimate of Rs. 2,265 for constructing a —, in the Salem District, sanctioned.	1884. 6th May No. 1126 W.	...	8th Oct. 1883, No. 2898 W.
Sub-Registrar's Office at Hospet.—Estimate of Rs. 2,380 for constructing a —, in the Bellary District, sanctioned.	6th May No. 1127 W.	...	21st Feb. 1884, No. 469 W. 19th Feb. 1883, No. 561 W. 14th Jan. 1884, No. 120 W.
Lewisisbarum Church.—Estimate of Rs. 1,181 for the supply of furniture for the —, sanctioned, and a moiety of funds appropriated from the Provincial reserve.	6th May No. 1128 W.	...	3rd Nov. 1883, No. 3116 W.
Combined Office for the Superintending and Executive Engineers at Bellary.—Estimate of Rs. 15,684 for constructing a —, sanctioned with remarks.	8th May No. 1129 W.	...	14th Dec. 1881, No. 3100 W. 9th April 1883, No. 1186 W. 22nd Dec. 1883, No. 2696 C. 1st Feb. 1884, No. 228 C. 24th Mar. 1884, No. 783 W.
Collector's Cutcherry at Bellary.—Estimate of Rs. 47,640 for additions, &c., to the —, sanctioned.	8th May No. 1134 W.	...	20th Dec. 1869 No. 3328. 11th Dec. 1872, No. 2026. 13th Nov. 1883, No. 2496 C. 29th Jan. 1884, No. 201-92 C. 22nd Feb. 1884, No. 438 C.
Temporary Establishment for the V Circle for 1884-85.—Estimate of Rs. 5,196 for the —, sanctioned with remarks.	8th May No. 1135 W.	...	25th Mar. 1884, No. 688 D. 12th Mar. 1884, No. 458 D. 19th April 1884, No. 753 D. 4th April 1884, No. 674 D. 28th Feb. 1884, No. 529 W. 7th Jan. 1884, No. 12 W. 14th Sept. 1883, No. 2584 W. 17th Nov. 1883, No. 2321 W. 5th Sept. 1883, No. 2507 W. 3rd Sept. 1883, No. 2465 W. 1st Aug. 1883, No. 2116 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		*Continued.* 12th June 1883, No. 1641 W. 9th May 1883, No. 1361 W. 29th Mar. 1883, No. 868 W. 16th Mar. 1881, No. 18[illegible] I.
Establishment of the Tank Maintenance Scheme.—The revised statement submitted by the Superintending Engineer showing changes in the —, approved.	7th May No. 1146 W.	...	1st April 1884, No. 882 W. 28th April 1884, No. 303 C.
Locks required for the Navigation of the Canal Districts in Madras.—Letter from the Government of India pointing out that — could have been purchased locally instead of, as has been done, indented for from England, recorded with remarks.	7th May No. 1147 W.	...	10th Oct. 1882, No. 2634 W. 11th Dec. 1882, No. 2377 C. 13th Feb. 1883, No. 585 W. 18th June 1883, No. 1729 W. 8th Mar. 1884, No. 611 W. 8th Mar. 1884, Letter to the Secretary of State No. $\frac{3}{241 W.}$
Sub-Registrar's Office at [illegible].—Estimate of Rs. 3,249 for constructing a — in the South Canara District, sanctioned.	7th May No. 1148 W.	...	14th Jan. 1882, No. 129 W.
Travellers' Bungalow at [illegible].—Revised estimate for constructing a —, in the Vizagapatam District, sanctioned.	7th May No. 1149 W.	...	9th Jan. 1883, No. 65 W.
The late Right Honourable W. P. Adam.—Revised estimate of Rs. 10,248 for erecting a monument over the grave of —, at Ootacamund, sanctioned.	7th May No. 1150 W.	...	14th June 1882, No. 1184 W. 28th Sept. 1882, No. 2610 W.
District Jail at Nagapatam.—Estimate of Rs. 2,770 for constructing 3 cells for condemned prisoners at the —, sanctioned with remarks.	7th May No. 1153 W.	...	22nd Feb. 1884, No. 483 W.
Land required for constructing cook-house and privies for the Postmaster-General and the Postmaster of Madras.—Ordering the acquisition of the —.	7th May No. 1153 W.	...	21st Feb. 1884, No. 461 W. 17th April 1884, No. 17 E.
Temporary Executive Engineerships.—Telegram from the Government of India sanctioning the proposal to fill up three of the authorised — by selections from the Assistant Engineers of the permanent establishment, and approving of the policy of this Government in the employment of officers on the temporary establishment on the work they are best suited for, whether in the temporary or permanent Divisions, without seeing to their employment in any particular division or on any particular work, recorded.	7th May No. 1155 W.	...	......

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Bridge over the Junction Canal near the Custom House at Madras.—Estimate of Rs. 26,455 for constructing a —, sanctioned.	1884. 7th May No. 1160 W.	...	29th Mar. 1884, No. 560 D. 15th Mar. 1884, No. 612 E. 22nd Nov. 1883, No. 2886 O. 30th June 1880, No. 1534 W. 25th June 1880, No. 279 R. 6th Feb. 1880, No. 294 W.
Temporary Employees for the Sangam Project Division.—The entertainment for two months of a — on Rs. 50 per mensem, sanctioned.	8th May No. 1161 W.	...	19th Mar. 1884, No. 264 I.
Government Press Office, Fort St. George.—Estimate of Rs. 678 for alterations in the —, sanctioned.	8th May No. 1163 W.	...	18th May 1883, No. 1039 W.
Dispensary at Tiruvadi.—Estimate of Rs. 6,000 for constructing a —, in the Tanjore District, sanctioned.	8th May No. 1167 W.	...	14th Nov. 1883, No. 3208 C.
Consulting Architect's Division.—The formation of a second sub-division in the —, sanctioned.	8th May No. 1169 W.	...	26th Jan. 1883, No. 297 C. 26th Jan. 1883, No. 302 W. 9th Feb. 1883, No. 416 W. 3rd Dec. 1883, No. 2463 C.
Collector's Cutcherry, Malabar.—Ordering the preparation of plans and estimates for constructing a new building for the — and for reconstructing the upper-story and roof of the existing building.	8th May No. 1175 W./A	...	......
Building at Kodovur.—Sanctioning the proposed sale of the —, in the Malabar District, lately occupied by the Chavacherry Munsif's Court.	9th May No. 1178 W.	...	24th Jan. 1884, No. 284 W.
Bridge.—Estimate of Rs. 9,300 for constructing a — on the Coonoor road over the main stream near Charing Cross at Ootacamund, sanctioned for immediate execution.	9th May No. 1183 W./A	...	31st Oct. 1883, No. 504 B. 19th Nov. 1883, No. 2285 C.
Central and District Jails at Rajahmundry.—Distributing between the two works the lump sum provision of Rs. 4,000 made in the Provincial budget for 1884-85, for improvements to the residence of the Superintendent of the former and for constructing a police guard-room at the latter.	10th May No. 1186 W.	...	9th April 1884, No. 931 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Bills of Arms for the 30th Regiment, Native Infantry at Trevandrum.—The supplemental estimate for providing verandahs to the —, sanctioned.	1884. 10th May No. 1187 W.	...	......
Residences at Aden.—Proceedings, Military Department, on a question raised as to the custody of the vacant —, communicated to officers of the Public Works Department.	12th May No. 1188 W.	...	29th July 1876, No. 3822, Mily. Dept. 16th Oct. 1876, No. 117 Mis. 30th Aug. 1876, No. 2301. 22nd Sept. 1876, No. 2547. 5th June 1882, No. 1392 W. 2nd June 1884, No. 78 E.
Calicut Jail.—Plans and estimate for constructing additional cells in the —, called for.	13th May No. 1191 W.	...	......
Temporary Establishment for the Chingleput Division.—A — of three clerks sanctioned against the Provincial budget grant for 1884-85.	13th May No. 1194 W.	...	20th Mar. 1883, No. 658 W. 31st Mar. 1884, No. 864 W.
South Beach, Madras.—Estimate of Rs. 6,500 for constructing a revetment wall on the — in front of the Revenue Board Office and the Marine Villa to the Napier bridge, sanctioned with remarks.	13th May No. 1195 W.	...	6th July 1882, No. 1700 W. 8th Feb. 1883, No. 416 W. 12th Jan. 1884, No. 90 W. 17th Nov. 1883, No. 2264 C.
Fees and Commissions for work done by an officer outside his regular duties.—Letter from the Government of India pointing out that orders on the subject of the drawing of — have been disregarded in the case of Mr. R. F. Chisholm, and requesting strict adherence to these orders in future, recorded.	13th May No. 1196 W.	...	1st Aug. 1865, No. 2100. 27th June 1868, No. 2024. 21st Aug. 1868, No. 2678. 21st Jan. 1869, No. 197. 2nd Feb. 1869, No. 331. 20th May 1869, No. 1631. 12th July 1869, No. 2272. 9th Aug. 1869, No. 2616. 23rd May 1872, No. 1341. 11th Jan. 1873, No. 109. 18th Feb. 1878, No. 544. 22nd July 1876, Nos. 1863-64.

1 Subjects.	2 Dates of Proceedings.	3 Date of Remarks by Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		*Continued.* 21st Sept. 1877, No. 764 W. 25th Nov. 1878, No. 1408 W. 6th May 1882, No. 1145 W. 2nd July 1882, No. 1572 W. 23rd Nov. 1883, No. 2558 C. 19th Dec. 1883, No. 2858 C. 22nd Jan. 1884, No. 290 W.
Temporary Establishment for the special duty in Wynaad.—Sanctioning the — required during 1884-85.	25th May No. 1263 W.	...	22nd May 1883, No. 1178 W. 16th Aug. 1883, No. 2500 W. 26th Sept. 1883, No. 306 R. 30th Nov. 1883, No. 3439 W. 29th Dec. 1883, No. 3664 W. 11th Mar. 1884, No. 580 C. 25th April 1884, No. 835 D.
Mettupalaiyam-Gudalur Main Road.—Passing further orders in connection with the transfer to the Public Works Department of charge of maintenance of the —.	12th May No. [illegible] W./A	...	12th Feb. 1884, No. 372 W. 5th Mar. 1884, No. 492 W. 11th April 1884, No. 7 R. 3rd May 1884, No. 111 W./A
Electric clocks available at the Madras Observatory.—The proposal to build a tower on the Mount Road, Madras, in which to place the two — abandoned; and estimates called for for placing one of them inside the new Post Office, Madras, and the other outside the Public Works Offices at Chepauk.	19th May No. 1295 W.	...	20th April 1866, No. 481, Public. 6th July 1867, No. 784, Public. 16th July 1867, Letter to Secy. of State from the Pub. Dept., No. 13. 25th Mar. 1868, No. 370, Public. 21st Sept. 1868, No. 1178, Public. 24th Sept. 1868, No. 1393, Public. 5th Oct. 1868, No. 1398, Public. 8th Oct. 1868, Letter to Secy. of State from Pub. Dept., No. 34.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		*Continued.* 20th Nov. 1860, No. 1386, Public. 25th April 1870, No. 498, Public. 1st Nov. 1872, No. 1283, Public. 19th Sept. 1874, No. 145, Mis. 7th Dec. 1875, No. 67, Mis. 8th Feb. 1879, No. 378. 4th Feb. 1879, No. 442 W. 19th Feb. 1879, No. 512 W., Mis. 26th Feb. 1879, No. 118, Marine. 31st Mar. 1879. No. 990 W., Mis. 7th April 1879, No. 1088 W. 28th Dec. 1877, No. 1740, Public. 26th Sept. 1879, No. 335, Marine. 7th Jan. 1882, No. 58 W. 1st Mar. 1882, No. 583 W. 11th Jan. 1883, No. 16 W. 19th Jan. 1883, No. 112 C. 22nd Jan. 1883, No. 248 C. 29th Jan. 1883, No. 306 W. 3rd Mar. 1883, No. 693 W. 31st Oct. 1883, No. 3077 W. 17th Nov. 1883, No. 3265 W. 7th Nov. 1883, No. 2150 C. 16th Nov. 1883, No. 3257 W. 18th Dec. 1883, No. 2561 C.
Madras Lunatic Asylum.—Estimates, amounting to Rs. 12,145 for constructing quarters for the Assistant Matron and for two second-class European attendants at the —, sanctioned.	14th May No. 1235 W.	...	19th Mar. 1883, No. 835 W. 21st Feb. 1884, No. 483 W.
Shed for storage of famine tools at Coimbatore.—Plan and estimate of Rs. 1,300 for constructing a —, sanctioned.	14th May No. 1236 W.	...	28th Mar. 1883, No. 940 W.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Guindy Water Works.—Estimate of Rs. 2,306 for maintaining the pump and engine at the — for 1884-85, sanctioned.	1884. 14th May No. 1227 W.	...	23rd April 1883, No. 1211 W. 12th June 1883, No. 1641 W.
Treasury strong-room for the Tahsil Cutcherry at Anantapur.—Plan and estimate of Rs. 800 for constructing an additional —, sanctioned.	14th May No. 1228 W.	...	......
Sub-Registrar's Office.—Estimate of Rs. 2,422 for constructing a — at Daviuanapalli, in the Bellary District, sanctioned.	14th May No. 1229 W.	...	22nd Dec. 1882, No. 3419 W. 19th Jan. 1882, No. 129 W.
Borings at the proposed site of pier in the roads of Vizagapatam.—Report by the Executive Engineer, Vizagapatam, of the results of the —, communicated to the Master Attendant through the Marine Department.	14th May No. 1230 W.	...	11th Oct. 1883, No. 2868 W. 19th Dec. 1883, No. 3640 W. 20th Mar. 1884, No. 757 W. 21st Mar. 1884, No. 880 W.
Land within the Cantonment Settlement, Nilgiri District.—Sanctioning the acquisition of a piece of — required for the construction of a road.	14th May No. 1231 W.	...	2nd May 1884, No. 1098 W.
Sub-Registrar's Office.—Estimate of Rs. 2,049 for constructing a — at Chitvel, in the Cuddapah District, sanctioned.	14th May No. 1232 W.	...	21st June 1883, No. 1746 W. 14th Jan. 1882, No. 190 W.
Stables of the P. Battery, 1st Brigade, Royal Artillery at St. Thomas' Mount.—Estimate of Rs. 320 for providing granite stones with iron rings for the —, sanctioned.	14th May No. 1233 W.	...	......
Temporary Establishment.—Considering specific appropriation of funds to cover particular sanctions under — unnecessary when the grant under that head for the year is distributed under specific heads in the budget estimate.	14th May No. 1234 W.	...	30th Nov. 1883, No. 98 I. 8th Feb. 1884, No. 336 W. 29th Feb. 1884, No. 542 W. 21st April 1884, No. 1013 W. 3rd May 1884, No. 845 B.
Marine Villa at Chennai.—Letter from the Master Attendant requesting to direct the early submission of an estimate for repairs to the — if the same is considered necessary on a close examination of the building, communicated to the Superintending Engineer, I Circle.	14th May No. 1235 W. / A	...	29th Aug. 1878, No. 3391 W. 9th Nov. 1878, No. 4614 W. 14th Aug. 1883, No. 2275 W. 3rd Jan. 1884, No. 4 W. 5th Mar. 1884, No. 530 C. 20th Mar. 1884, No. 758 W. 22nd April 1884, No. 1024 W.

1 Subjects.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		
Major Sidney Smith, R.E.—Remarks of the Government of India on the application of — for promotion to the rank of Executive Engineer, 3rd Grade, communicated to the Consulting Engineer for Railways.	14th May No. 1235 W.	...	15th Nov. 1881, Nos. 716-17 R. 12th June 1883, No. 603 R./A, 222 R./B 18th July 1883, No. 719 R. 31st Aug. 1883, No. 2538 W. 3rd Aug. 1883, No. 801 R. 16th Aug. 1883, No. 2217 W. 19th Feb. 1884, Nos. 374-75 W. 7th Aug. 1883, Nos. 2178-79 W.
Marine Villa at Trevandrum.—Ordering with remarks the repairs to the — to be put in hand at once, the estimate being expedited.	14th May No. 1237 W. A	...	......
Rent of the Government Bungalow at Ootacamund.—Mr. W. J. Tate held to be liable for the — up to the date on which he intimated his intention of vacating the bungalow, which was long after he had quitted it.	15th May No. 1239 W.	...	......
Registrar's Office.—The plan and estimate of Rs. 7,886, for constructing a — at Tellicherry, sanctioned.	16th May No. 1245 W.	...	21st June 1883, No. 1745 W.
"*Capper House*" *at Royapettah, Madras.*—Sanctioning the purchase of the property known as —.	16th May No. 1250 W.	...	21st Feb. 1884, No. 434 C. 5th Mar. 1884, No. 551 C. 11th Mar. 1884, No. 596 C. 20th Mar. 1884, No. 766 W. 26th Mar. 1884, No. 694 D. 3rd April 1884, No. 812 C. 11th April 1884, No. 738 D.
Madras Medical College.—The plans and estimates of Rs. 75,386, for improvements and additions to the —, sanctioned for execution by the Consulting Architect when funds are available.	17th May No. 1252 W.	...	8th May 1883, No. 1320 W. 20th Jan. 1883, No. 246 W.
Police Station-houses and Huts.—Estimates for constructing — at Cherambadi, Nellacotta and Nelgary, sanctioned.	19th May No. 1258 W.	...	......

1 Subjects.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Telegraph Office building at Dernia.—Sanctioning the transfer of the present — to the Postal Department, when the telegraph shall have been amalgamated with the post office in the existing post office building.	1884. 19th May No. 1269 W.	...	7th Sept. 1881, No. 2213 W. 12th Sept. 1881, No. 2494 W. 8th Oct. 1881, No. 2474 W. 10th Dec. 1881, No. 3071 W. 17th Mar. 1882, No. 701 W. 4th Sept. 1882, No. 581 E. 13th Nov. 1882, No. 3066 W. 8th Dec. 1882, No. 3244 W. 5th April 1883, No. 1034 W.
Mr. C. Vincent's deputation for special duty under the Court of Wards.—Letter from the Government of India stating with remarks that the Examiner, Public Works Accounts, is wrong in holding that their sanction in the Foreign Department is necessary to —, communicated to the Examiner, Public Works Accounts.	19th May No. 1260 W.	...	19th Mar. 1884, No. 489 J. 17th Mar. 1884, No. 922 D. 16th April 1884, Nos. 979-98 W.
Stables for the New Post Office, Madras.—Ordering that the present Commissariat mule stables on the Beach be availed of to provide the requisite —, fresh ones being built for the Commissariat mules on the Pulaspet maidan, and calling for the necessary estimates to carry out these arrangements.	19th May No. 1261 W.	...	20th Dec. 1875, No. 3579. 15th Oct. 1881, No. 2520. 6th Jan. 1883, No. 23 W. 22nd Feb. 1883, No. 684 W. 30th Mar. 1883, No. 717 C. 9th April 1883, No. 1058 W. 4th Aug. 1883, No. 2140 W. 1st Oct. 1883, No. 2743 W. 26th Oct. 1883, No. 2061 C. 26th Oct. 1883, No. 2066 C. 6th Nov. 1883, No. 2135 C. 3rd Dec. 1883, No. 3464 W. 16th Feb. 1884, No. 375 C. 5th May 1884, No. 86 E.
Pier at Gopaulpore.—Accepting the tender of Messrs. Massey and Company for the construction of the proposed —.	19th May No. 1263 W.	...	......

1 Subjects.	3 Dates of Proceedings.	4 Dates of Report to Secretary of State for India.	5 Numbers and Dates of previous Proceedings.
Gun Carriage Factory, Madras.—[illegible] the immediate execution of the re-roofing of the [illegible] shop in the — and the postponement of the re-roofing of the same till funds are available.	1884. 21st May No. 1269 W.	...	16th Sept. 1882, No. 2413 W.
[illegible] Hospital at [illegible].—Estimate of Rs. 812 for constructing a dead-house for the —, sanctioned.	21st May No. 1271 W.	...	21st Feb. 1884, No. 483 W. 10th May 1884, No. 118 F. 24th Oct. 1883, No. 3002 W.
[illegible] Court at [illegible].—Sanctioning the transfer to the Registration Department of the —.	21st May No. 1272 W.	...	......
[illegible] Court at [illegible].—Sanctioning the transfer to the Postal Department of the —.	21st May No. 1273 W.	...	......
Sub-Conductor J. [illegible], Sub-Engineer.—The sanction of the Government of India to the appointment of — as a temporary Engineer on Rs. 400 per mensem, communicated to the Superintendent of Works, Tank Maintenance.	21st May No. 1274 W.	...	6th Sept. 1883, No. 2596 W. 22nd Sept. 1883, No. 2565 W. 7th Jan. 1884, Nos. 11, 12 & 13 L. 30th Jan. 1884, Nos. 269-70 W. 21st Feb. 1884, No. 472 W. 20th Mar. 1884, No. 744 C. 31st Mar. 1884, Nos. 861-2 W. 3rd April 1884, Nos. 926-7 W. 4th April 1884, No. 676 D. 18th April 1884, Nos. 1066-7 W. 2nd May 1884, No. 837 D.
Mr. J. C. [illegible], Executive Engineer, censured in connection with the failure of the [illegible] anicut in the Madura district.	21st May No. 1275 W.	...	1st Oct. 1883, No. 795 I.
[illegible] Court-house at [illegible].—Rs. 1,200 appropriated for renewing the terrace roof of the English record-room of the —.	21st May No. 1276 W.	...	......
Road from [illegible] to [illegible].—Estimate of Rs. 2,20,000 for improving and metalling the —, sanctioned.	23rd May No. 1286 W.	...	6th June 1882, Nos. 1416-7 W. 23rd Jan. 1883, No. 261 W. 14th Feb. 1883, No. 492 W. 14th May 1883, No. 1407 W.

1 Subjects.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and dates of previous proceedings.
Water Expiries and Navigation Establishment of the Godavari Delta.—The revised statement of —, sanctioned as proposed by the Superintending Engineer.	1884. 23rd May No. 1286 W.	...	10th April 1884, No. 5 E. 22nd Mar. 1884, No. 771 W. 20th Mar. 1884, No. 352 D. 28th Jan. 1884, No. 238 W. 10th May 1884, No. 387 D.
Taluk Cutcherry at [illegible].—The Superintending Engineer, V Circle, directed to submit the estimate for a new —, South Arcot District, as soon as possible.	23rd May No. 1287 W.	...	......
Military materials at site of the Cannanore-[illegible] Road.—Calling for explanation from the Executive Engineer and the subordinates concerned as regards —.	23rd May No. 1288 W.	...	14th June 1883, No. 1535 W. 7th Dec. 1880, No. 2998 W. 18th Jan. 1882, No. 152 W. 1st Oct. 1883, No. 795 I.
Road No. XI, Tinnevelly District.—Estimate of Rs. 36,000 for reconstructing a portion of — from [illegible] to the bund of the [illegible] tank, sanctioned.	23rd May No. 1290 W.	...	......
Upper Subordinate Establishment, Madras Public Works Department.—Sanctioning certain arrangements to obviate the hardship caused to subordinates of the 2nd and 3rd grades by their promotion being blocked by annual permanent appointment to the 1st grade of the passed military students of the Civil Engineering College.	23rd May No. 1291 W.	...	6th Oct. 1880, No. 2377 W. 3rd Nov. 1881, No. 2773 W. 4th Nov. 1881, No. 2793 W. 13th Nov. 1882, No. 2862 W. 16th Mar. 1882, No. 673 W. 29th May 1882, No. 1338 W. 16th June 1882, No. 1512 W. 24th Aug. 1882, Nos. 2183-84 W. 18th Oct. 1882, No. 2722 W. 14th Nov. 1882, No. 3008 W. 18th Nov. 1882, No. 3066 W. 11th Jan. 1883, No. 108 W. 22nd Feb. 1883, Nos. 571-2 W. 22nd Feb. 1883, No. 560 W. 30th Mar. 1883, No. 976 W.

1 Subjects	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		[*Continued.*] 9th May 1883, No. 1301 W. 10th Mar. 1884, No. 457 D. 22nd Mar. 1884, No. 569 D. 10th April 1884, No. 732 D.
Budget [illegible] for 1884-85.—Five copies of the final issue of each of the [illegible] forwarded to the Secretary of State for India.	23rd May No. [illegible] W.	...	......
[illegible] at [illegible].—Estimate of Rs. 8,880 for constructing a III Class [illegible] in the Vizagapatam district, sanctioned.	23rd May No. 1293 W.	...	18th Sept. 1882, No. 2404 W. 29th Sept. 1882, No. 2440 W. 26th Jan. 1883, No. 276 W. 15th Feb. 1883, No. 474 W. 15th Mar. 1883, No. 598 C. 12th Jan. 1884, No. 73 C. 29th Jan. 1884, No. 219 C. 24th Mar 1884, No. 723 C.
District [illegible] of Trichinopoly.—The Superintending Engineer authorized, with remarks, to proceed with the collection of materials for the proposed [illegible].	23rd May No. 1294 W.	...	24th April 1884, No. 1064 W. 13th Dec. 1883, No. 3592 W. 5th Feb. 1884, No. 303 W. 25th April 1884, No. 1034 W.
Establishment.—Three Assistant Engineers of the permanent [illegible] appointed Executive Engineers, IV Grade, with temporary rank.	23rd May No. 1295 W.	...	16th June 1883, Nos. 1699-1700 W. 28th June 1883, No. 1120 C. 10th Aug. 1883, No. 2501 W. 12th Nov. 1883, No. 3314 W. 23rd Jan. 1884, Nos. 210-11 W. 3rd April 1884, Nos. 916-17 W.
The Government of India informed of the above arrangement and their sanction requested to appoint three upper subordinates as temporary Assistant Engineers in their places.	23rd May No. 1296 W.	...	......

1 Subjects	2 Date of Proceedings	3 Date of Report to Secretary of State for India	4 Number and Date of previous Proceedings
Christ Church, Calicut.—Stating that it is not possible to make any grant of funds for the erection of a belfry for the — and that the question as to the departure from the original design for the church will be submitted to Mr. R. F. Chisholm, on his return from leave.	1884. 23rd May No. 1297 W.	...	4th April 1884, No. 225 C. 19th Feb. 1884, No. 464 C. 9th July 1883, No. 1941 W. 17th Jan. 1881, No. 119 W. 15th Nov. 1880, No. 2015 W. 24th Aug. 1878, No. 8564 C.R. 13th July 1879, No. 3417 C.R. 28th Jan. 1878, No. 497 C.R. 26th July 1875, No. 1894. 16th Jan. 1871, No. 112. 1st Dec. 1870, Nos. 2994-5. 5th Oct. 1870, No. 2408 5th Oct. 1870, No. 2387-8. 16th Sept. 1870, No. 2216. 23rd Aug. 1870, No. 2035. 15th Feb. 1868, No. 309.
Public Offices at Pondi[illegible].—Estimate of Rs. 52,363 for the construction of [illegible], in the Malabar district, sanctioned with remarks.	23rd May No. 1298 W.	...	28th Aug. 1882, No. 2212 W. 3rd Oct. 1882, No. 2566 W.
Church at Wellington.—Ordered that the revised reduced estimate for a — be forwarded for the sanction of the Government of India.	23rd May No. 1299 W.	...	20th Sept. 1865, No. 2397. 5th Jan. 1866, No. 32. 28th June 1866, No. 2067. 28th July 1866, No. 2366. 10th Jan. 1868, No. 126. 28th Feb. 1867, No. 584. 29th Jan. 1867, Nos. 270-71 W. 3rd Jan. 1872, No. 4 W. 20th Dec. 1882, No. 2741 W. 26th June 1882, No. 1737 W. 5th June 1883, No. 1670 C.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		(Continued.) 4th July 1883, No. 1256 C. 13th Sept. 1883, Nos. 2010-11 W. 22nd Nov. 1883, No. 3323 W. 7th April 1884, No. 953 W. 24th April 1884, No. 41 K.
Letter to the Government of India forwarding the estimate.	23rd May No. 1306 W.	...	......
Tank Maintenance Scheme.—Ordered that the information furnished by the Chief Engineer for Irrigation with reference to the work done in the Madura district in connection with the — and as to the actual strength of the establishment employed directly under orders of the Superintending Engineer in charge of the scheme be forwarded to the Government of India.	23rd May No. 1305 W.	...	......
Docket to the Government of India	23rd May No. 1306 W.	...	......
Medical School at the Nangur Cloultry, Madras.—Censuring Overseer Lewson, and calling for explanation from Mr. R. F. Chisholm, for certain defects in the construction of the —, and calling for a report as to whether the defects have now been rectified.	23rd May No. 1303 W.	...	12th Jan. 1884, No. 61 C. 4th April 1881, No. 830 C. 16th April 1884, No. 733 D.
Women's Hospital at Madras Penitentiary.—Ordering the work of improvements to the — to be put in hand at once by the jail department, any labor or materials required from the Public Works Department being supplied by the Executive Engineer.	23rd May No. 1318 W./4	...	8th May 1884, Nos. 205-6 R.
Water Regulation Establishment at the Kistna Dam.—The revised scale of —, permanent and temporary, proposed by the Superintending Engineer, sanctioned.	23rd May No. 1309 W.	...	22nd Mar. 1884, No. 770 W. 2nd April 1883, No. 1087 W. 20th Jan. 1882, No. 49 I. 9th Dec. 1881, No. 846 I. 18th Oct. 1881, No. 714 I. 18th Oct. 1881, No. 713 I. 6th Oct. 1881, No. 2457 W. 1st Mar. 1881, No. 138 I. 8th Jan. 1881, No. 10 I. 24th Nov. 1880, No. 763 I.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
	1884.		(Continued.) 8th Mar. 1878, No. 157 I. 14th Jan. 1878, No. 38 I. 15th April 1876, No. 1042.
Collector's Bungalow at Salem.—Proceedings, Revenue Department, exempting Mr. C. W. W. Martin, Acting Collector, from payment of rent for the — during his absence on special duty from Salem, communicated to the Superintending Engineer, IV Circle.	26th May No. 1310 W.	...	29th April 1884, No. 52 R. 20th Mar. 1884, No. 671 G. 1st April 1884, No. 893 W. 9th Feb. 1884, No. 290 C. 13th Nov. 1883, No. 3225 W. 8th Mar. 1883, No. 761 W. 15th Mar. 1883, No. 815 W. 15th Feb. 1883, No. 511 W. 15th Dec. 1883, No. 3321 W. 8th Dec. 1883, No. 3315 W. 5th Dec. 1882, No. 3191 W. 14th Oct. 1882, No. 2031 W. 22nd July 1882, No. 1279 W. 11th May 1882, No. 1201 W. 6th Aug. 1881, Memo. No. 353. 20th July 1881, No. 1880 W. 11th June 1881, Memo. No. [illegible]593. 25th April 1881, No. 1105 W. 21st Mar. 1881, No. 7[illegible]4 W. 9th Sept. 1880, Memo. No. 417. 12th Mar. 1880, No. 611 W. 23rd July 1879, No. 1941 W. 14th May 1877, No. 126 W. 18th Jan. 1877, No. 201.
Convict Labor.—Proceedings, Judicial Department, on the question of establishment of portable jails and employment of — on public works, communicated to Superintending Engineers with remarks.	26th May No. 1312 W.	...	15th Oct. 1883, No. 2901 W. 26th Oct. 1883, No. 3049 W.

1 Subjects.	2 Date of Proceedings.	3 Date of Report to Secretary of State for India.	4 Number and Date of previous Proceedings.
	1884.		(*Continued*). 5th Nov. 1883, No. 3132 W. 25th April 1884, No. 1264 W.
Accounts of the Public Works and Railroad Departments.—List showing the revised numbers and classification of the account heads pertaining to the estimates and — received from the Government of India, communicated to officers of the Public Works Department, and the issue of a standing order embodying the classification directed.	26th May No. 1314 W.	...	......
Infant School, Fort Saint George.—Ordered that the question of enhancing the ground rent of the building hired for the —, so as to meet the cost of repairs in future to devolve on the trustees of St. Mary's Charity on whom the building vests, be referred to the Government of India.	26th May No. 1323 W.	...	1st Sept. 1881, No. 3156 W. 16th Feb. 1884, No. 422 W. 21th Mar. 1884, No. 723 C.
Copy of above forwarded for the orders of the Government of India.	26th May No. 1316 W.	...	......
St. Stephen's Church at Bodinaycore.—Estimate of Rs. 560, for additions and improvements to —, sanctioned.	26th May No. 1317 W.	...	......
Well for the civil population in the Cantonment of Bodinaycore.—The Superintending Engineer, I Circle, directed to prepare at once an estimate for a separate — if the site thereon indicated by His Excellency the Commander-in-Chief be considered suitable by the municipality.	26th May No. 1318 W.		......
Temporary Establishment.—Sanctioning the entertainment of a — of a draftsman and two lascars by the Superintending Engineer, I Circle, and the appointment of an unpassed candidate to the post of draftsman.	27th May No. 1328 W.	...	......
Civil Engineers.—Resolution of the Government of India sanctioning an improved [illegible] scale and the institution of a provident fund for all European —, communicated to officers of the Public Works Department concerned.	27th May No. 1333 W.	...	......
Travelling Allowances.—The Examiner, Public Works Accounts, authorised to admit certain claims to — preferred on behalf of Messrs. Rutherford, Pilley and Pogson, Assistant Engineers.	30th May No. 1353 W.	...	6th Mar. 1884, No. 690 W. 10th May 1884, No. 901 D.
Navigation Establishment, Kistna Delta System.—Proposed changes in the permanent —, sanctioned.	30th May No. 1354 W.	...	15th Mar. 1884, No. 597 C.

1 Subjects.	2 Dates of Proceedings.	3 Date of Report to Secretary of State for India.	4 Numbers and Dates of previous Proceedings.
Madras Harbour.—Ordered that the telegrams to and from the Government of India in regard to the eastern entrance of the — be communicated to the Madras Chamber of Commerce for information.	1884. 30th May No. 1355 W.	...	......
Letter to the Chamber of Commerce forwarding copy of above proceedings.	30th May No. 1356 W.	...	......
Collection of Materials in the Kistna Eastern Division.—Estimate, amounting to Rs. 32,784, for the — during 1884-85, sanctioned.	30th May No. 1357 W.	...	......
Petty and Office Establishment required in the Tank Maintenance Scheme.—Sanctioning a further —	30th May No. 1358 W.	...	11th Mar. 1884, No. 596 C. 7th May 1884, No. 1243 W. 1st April 1884, No. 982 W. 2nd May 1884, No. 833 D.
Steamer "Godavari."—Ordering that the Collector should be instructed to give effect to suggestions made by Public Works officers for the efficient maintenance of the — while employed in ferry work.	30th May No. 1359 W.	...	......

BUILDINGS AND ROADS BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT,

FOR THE MONTH OF MAY 1884.

Buildings and Roads.
Civil Works.

READ—the following paper:—

No. 66 T.J.

Report by the Superintending Engineer, VI Circle, on the estimate for metalling the road No. 14 from Kumbakónam to Kodavasal, in Tanjore district, Rs. 38,200.

If the estimate be for metalling the road as shown in the heading, it is not required to be scrutinized in this office, *vide* G.O., No. 2577 W. of 11th September 1883; but the estimate being for the general repairs of the road as it contains items for raising and widening, it is scrutinized in this office.

2. The road passes through both the Local Fund Circles of Tanjore and Negapatam. The Tanjore Board proposed the road to be 10 feet wide, but the Negapatam Board in their Proceedings of 22nd December 1883 ordered their Engineer to revise the estimate making their portion of the road 12 feet wide. Again on further consideration they have resolved, in their Proceedings, dated 24th March 1884, to modify their former resolution and decided that the metalling to be 10 feet wide.

3. The road proposed to be 4 yards wide and 10 feet of which to be metalled to a depth of 7½ inches. The metal is to be carried to a distance of 29 miles, of which 25 by rail, before it reaches the starting point of the road and the road is 5 miles long; the rates allowed in the estimate are therefore considered fair.

4. An allotment of Rs. 8,000 is given in the budget of 1883-84 item 18, part I.

5. The estimate is recommended for sanction.

6. As the Local Fund Boards have decided to metal a width of 10 feet only, the Superintending Engineer does not consider it is for him to express an opinion as regards the advisability of increasing the width; he only calls attention to the fact that a width of 10 feet only is allowed for in the estimate.

KODAIKANAL,
11th April 1884.

(Signed) H. E. MEAD, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

ORDER—dated 1st May 1884, No. 1078 W., Public Works.

The estimate, amounting to Rs. 38,200, for metalling road No. 14 from Kumbakónam to Kodavasal, in the Tanjore district, is sanctioned and registered as Local No. 5 W. of 1884-85.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with four enclosures.
" Superintending Engineer, VI Circle.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

G.O., 1st May 1884, No. 1078 W.

MAY.

Road

Estimate of Rs. 33,200 for metalling — No. 14 from Kumbakônam to Kodavasal, in the Tanjore district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from G. H. W. WALKER, Esq., Officiating Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 15th April 1884, No. 417 G. :—

With reference to paragraph 5 of Public Works Department Resolution, No. 148 G., dated 1st February 1884, sanctioning additional posts in the 4th grade of Executive, and 1st grade of Assistants, I am directed to state that the following will be the sanctioned substantive scale of Executive and Assistant Engineers for Madras :—

Executive Engineer,	1st grade	9
Do.	2nd ,, ...	11
Do.	3rd ,, ...	11
Do.	4th ,, ...	11
Assistant Engineer,	1st ,, ...	23
Do.	2nd and lower grade	17

Order—dated 1st May 1884, No. 1079 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

G.O., 1st May 1884, No. 1079 W.

MAY.

Madras Engineer Establishment

Letter from the Government of India indicating the sanctioned substantive scale of Executive and Assistant Engineers for Madras, as affected by their recent sanction of additional posts in the 4th grade of Executives and 1st grade of Assistants, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

Office note from the Chief Engineer for Irrigation, dated 7th April 1884, No. 76.
Do. do. do. 17th „ „ „ 83.

Order—dated 1st May 1884, No. 1080 W., Public Works.

Vasudeva Iyer, } draftsmen, 1st class.
Kuppusawmy Achari, }
Cawder Beg Saib, clerk, 3rd class, 3rd grade.
Cawder Hussain, messenger on Rs. 7.
Sambasivan do. „ 6.

The D Project division having been closed, the individuals named in the margin will be considered as supernumeraries on the office establishment of the Chief Engineer for Irrigation.

2. The draftsmen and messengers will continue to be employed in the Tank Maintenance Scheme, with lien on their permanent appointments. The clerk will be absorbed on the occurrence of a suitable vacancy in the office of the Chief Engineer for Irrigation.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, Tank Maintenance Scheme.
„ Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1st.

Read. *Read.*

G.O. 1st May 1884, No. 1080 W.

MAY.

D Project Division

Passing orders as regards the office establishment set free by the closing of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

G.O., dated 19th April 1884, Mis. No. 164, Marine.

Read—the following letter from the Master Attendant, Madras, dated 9th April 1884, No. 3500:—

I have the honor to forward a letter from the Superintending Engineer, IV Circle, and its accompaniments, No. 51 M., dated 23rd February 1884, and to recommend that the estimate for repairing the Bunder quay wall at Mangalore, amounting to Rs. 6,180, may be sanctioned to be met from Port Funds.

Order—dated 19th April 1884, Mis. No. 164, Marine.

Sanctioned, subject to the Chief Engineer's approval of the estimate.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

To the Public Works Department (with estimate).

ENCLOSURE.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Master Attendant, Administrative Department, dated Ootacamund, 23rd February 1884, No. 51 M.

I have the honor to forward for provision of funds an estimate, amounting to Rs. 6,180, for repairing the Bunder quay wall at Mangalore. A report and specification are also herewith forwarded.

1 Estimate, complete.
1 Brigade estimate.
1 Specification.
1 Report.
1 Copy of Collector's No. 209, dated 1st February 1884.

2. If you consider the work should not be charged to Port Funds, be good enough to give your reasons to Government for its being sanctioned under Provincial.

3. A copy of the letter, No. 209 of 1st instant, from the Collector of South Canara is enclosed, and from that you will observe that the work is, in his opinion, urgent.

Order—dated 1st May 1884, No. 1081 W., Public Works.

The estimate, amounting to Rs. 6,480, for repairing the Bunder quay wall at Mangalore, is sanctioned for execution by the Public Works Department.

		RS.
For works	... ...	6,480
Establishment ...	... ...	1,490
Tools and plant	... ...	97
	Total ...	8,067

2. The question of funds will be considered in the Financial Department. The sum required is shown in the margin.

3. This sanction has been registered as Excluded Local No. 6 W. of 1884-85 and classified as Miscellaneous Public Improvements, Repairs.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Marine Department.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1st.

Read. *Read.*

G.O., 1st May 1884, No. 1081 W.

MAY.

Bunder Quay Wall at Mangalore

An estimate of Rs. 6,180 for repairing the —, sanctioned for execution by the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Establishment.

Read—the following letter from Lieutenant-Colonel H. R. MEAD, R.E., Superintending Engineer, VI Circle, to the Chief Engineer for Irrigation, dated Trichinopoly, 27th March 1884, No. 2002I T.J.—

I regret to have to report the following regarding a serious waste of public money in closing a breach, and the unsatisfactory conduct of Mr. Baker, Assistant Engineer, and Supervisor Vellivain Pillai.

1 Executive Engineer's letter, No. 5790, dated 22nd December 1883.
1 Executive Engineer's letter, No. 324, dated 13th February 1884, with Mr. Baker's No. 1704, dated 7th December 1884.
1 Supervisor's letter, dated 21st March 1884, with two enclosures.

The facts as far as I can understand them are as follows:—

A breach occurred in the Cauvery right bank in the 90th mile; it was inspected by Mr. Baker on the 7th November 1883; it was about 10 yards wide and 4 deep; he gave general orders for the breach to be closed and the Sub-Magistrate who was present gave assistance. Mr. Baker left the place, and although in camp not far off up to the 12th, and knowing that the breach was not closed but had increased in size, went to Tranquebar on the 14th and remained there; as far as I can learn he did not receive or ask for any reports or accounts of the work but left it entirely to the supervisor.

On the 16th November a bill, signed by the supervisor for Rs. 622-15-9, was presented to Mr. Baker; he considered it far more than it should be and paid Rs. 100 on it, and promised to inspect the work which he did on the 19th. However he made no detailed examination or measurement of the work done, or, as far as I can see, any inquiries as regards the accounts. On the 30th of the month he reports the matter to the Executive Engineer, but in far from a definite or satisfactory manner, at the same time he throws great blame and suspicion on the supervisor.

Finally a bill for Rs. 842-15-9 is made out by the supervisor, and Mr. Baker reports that he on examination, accepts only Rs. 699-13-10 as the value of the work done, leaving what he considers an overcharge of Rs. 143-1-11 and this entirely in items in the first bill. As this examination was more than a month after the completion of the work, I cannot consider it is a very reliable one.

Now, with regard to the supervisor: he was on the 7th told to close the breach; no funds whatever were given to him; he was told to employ the coolies sent to him by the Sub-Magistrate and for them to be paid by a contractor who was afterwards to be repaid by Mr. Baker.

There was the greatest confusion; the ryots and others whose crops were submerged of course were all crying for the breach to be closed at once; the river rose day by day as they were attempting to close it, and it was not until the 14th that it fell and then the breach was closed.

I forward six questions and their answers by the supervisor; it will be seen that he simply states he has no accounts whatever; that revenue coolies and contractor's coolies were all working together and of course it is impossible in any way to separate the

work turned out by each; he lays considerable stress on the fact that the Sub-Magistrate's list of the number of revenue coolies employed corresponds with the numbers that he reported in his form A (his diary), but as he did not in that form mention that other coolies were employed, this has nothing to do with the point.

It does appear that it has been for some time Mr. Baker's practice, in order to save trouble in keeping his accounts, to have revenue coolies paid by a contractor and afterwards pay the contractor.

The supervisor also brings to notice that he and Sub-Magistrate did make a report regarding the serious nature of the breach of the 16th, but a reference to it shows that Mr. Baker paid little or no attention to it.

Mr. Baker states he was not well, but this hardly justified his leaving everything to the supervisor (to whom he gave no money) and proceeding to Tranquebar, and not afterwards going thoroughly into the accounts, &c.

I have seriously reprimanded Mr. Baker and informed him that I consider he has neglected his duty, and directed that works are not to be done nominally on contract to avoid the trouble of keeping accounts. If daily coolies are employed they must be paid by supervisor or overseers and not by so-called contractors. The supervisor I have transferred to another division; this man is of long service and bears a high character; he was lately promoted being recommended by Mr. Baker, the Executive Engineer and myself for his long and good service. Although I cannot consider that he has been fairly treated by Mr. Baker, I think he has shown himself, in not being able to produce any accounts, unfit for the post of supervisor. I therefore recommend his reduction to overseer, 1st grade.

With regard to the so-called contractor's accounts, I have directed that the amount of his bill, Rs. 842-15-7, less the Rs. 143-1-11 rejected by Mr. Baker, be paid to him; should he refuse to accept it, the whole amount to be paid to him, but that in future to be never employed again. I request the sanction of Government for the Examiner to pass the expenditure incurred and to be incurred in closing this breach.

Order—dated 1st May 1884, No. 1082 W., Public Works.

A careful consideration of the papers forwarded with the above letter leads to the conclusion that money has been wasted and an opening for fraud given by the sub-divisional officer's attempt to save himself and his office trouble. Honorary Assistant Engineer Mr. Baker has been a long time in the service, and the Government regret to have to notice that an officer of such long standing has so failed in his duty.

2. As is not uncommon in these cases, the onus is brought down to the subordinate in charge of the work, Supervisor C. Vethivalu Pillay.

3. The method of working was so confused that, though the Executive Engineer has come to the conclusion that the supervisor submitted false accounts, there is considerable doubt in the matter; and taking into account the good character given him by the Superintending Engineer, the Government decide to allow him to retain his position in the department, trusting that this warning will show him the necessity of keeping a strictly accurate account in such cases in future.

(True Extract,)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with four enclosures.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.

IRRIGATION.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

G.O., 1st May 1884, No. 1082 W.

MAY.

Honorary Assistant Engineer Mr. Baker and C. Vettivalu Pillay, Supervisor

Concerning — for their conduct in connection with the closing of a breach in the Cauvery right bank.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers:

From Brigadier-General B. L. GORDON, C.B., Commanding Western District, to the Quartermaster-General, Ootacamund, dated Cannanore, 26th April 1884, No. G-70.

An application from the Officer Commanding 2nd Hampshire, for repairs to roofs of the old barracks, dated 8th April 1884, having been received in the office of the Deputy Assistant Quartermaster-General, was forwarded in the usual course, to the Public Works Department officer for information and favor of necessary action.

2. This officer reports, under date 17th April 1884, to the Executive Engineer that the only satisfactory repair would be a general one, such as the old Royal Artillery barracks here have lately undergone at a cost of Rs. 1,830.

3. The sub-divisional officer further states that these repairs can still be executed before the monsoon bursts if commenced before the 27th at latest.

4. These remarks of the sub-divisional officer were forwarded by the Executive Engineer, Coimbatore, under cover of a letter, dated 21st April 1884, in which he requested that, "if my opinion be in favor of executing these repairs," I would reply to that effect through the sub-division office here to save time and allow the work to commence at once.

5. Before taking this step I ascertained the professional opinion of the sub-divisional officer as to the urgency of the case and he states that the whole of the European infantry barracks, for the repair of the roofs of which an estimate, amounting to Rs. 2,194, has been prepared, is in an equally bad case with the small portion he has already taken in hand.

6. He further states that the whole of the ridge would leak during the monsoon, that it might be confidently expected that 15 per cent. of the rafters would fail and that in many places the tiles are broken to an extent of 80 per cent.

7. The amount of the estimate for repairs for the current year was reduced from Rs. 43,236 to Rs. 30,000, and as the estimate had been prepared with the strictest regard to economy, it is impossible now to carry out some of even the most urgent repairs.

8. A statement of the budget allotment and proposed outlay drawn up by the Executive Engineer is attached. Out of the Rs. 6,500, the following charges for work already executed or in course of execution have to be met:—

	RS.
Renewing floor, European infantry school	770
Repair of roof of cell lines, native infantry barracks	600
Do. of old Royal Artillery	1,830
Total ...	3,200

The following works are very urgently required :—

Repair of salient angle of fort, estimated cost	620
Repair of floor of one-half for regimental cells	544
Total ...	4,364

leaving only Rs. 1,136 to meet all other calls. I may mention that at Calicut alone repairs to barracks are asked for to cost Rs. 1,508, so it will be seen how impossible it is to repair the roofs of the European barracks here without a supplemental grant.

The work is very urgent and, under paragraph 1336 of Public Works Code, I have directed it to be taken in hand at once and beg that the wishes of His Excellency the Commander-in-Chief may be communicated by telegram, so that, if necessary, the work may be stopped before a large expenditure is incurred.

9. The instructions laid down in above-quoted paragraph have been complied with, and this reference is made in order that the support of His Excellency the Commander-in-Chief may be accorded.

10. I have this day received an emergent requisition for the repair of all the roof of the European infantry barracks as the Officer Commanding states that they all leaked during a shower which fell yesterday afternoon.

From Brigadier-General R. L. GORDON, C.B., Commanding Western District, to the Quartermaster-General, Ootacamund, dated Cannanore, 26th April 1884, No. G-78.

In continuation of my letter, No. G-76, dated 25th instant, I have the honor to forward a true copy of a report by the sub-divisional officer, Public Works Department, on the European infantry barracks here.

2. I may add that I have personally inspected the whole of the barracks and have satisfied myself as to the absolute necessity for the contemplated repairs.

Enclosure.

No. 37.

Report on State of European Infantry Barracks, Cannanore.

These barracks are very old and the roofs last underwent thorough repair in or about 1855, nearly thirty years ago, since which time only petty repairs have been carried out. The state of the ridge was such last monsoon that all efforts to keep it from leaking proved ineffectual, and it was found that in attempting to put in fresh tiles, the coolies broke others by treading on them, the rain having soddened the tiles which are extremely old and brittle. In several parts more than 20 per cent. of the tiles are fractured, rendering any attempt at patching hopeless. Quite 15 per cent. of the rafters are unsound and insecurely fastened to the ridge and wall-plate owing to the fact that the greatest damage is at these points, especially at the junctions of the rafters with the ridge where the most persistent leakage occurs. I do not think that any means can be found for rendering the roofs water-tight except a general repair like that undergone by the Royal Artillery barracks lately; and, in my opinion, it is absolutely necessary that these repairs should be carried out at once and completed before the monsoon rains set in in their full force. This can be done if the work be ordered to be carried out at once.

(Signed) G. H. D. MARJORIBANKS,
Assistant Engineer, Sub-divisional Officer, Cannanore.

Endorsement thereon by the Quartermaster-General, dated 29th April 1884, No. 3233.

Memorandum to the Quartermaster-General, dated 28th April 1884, No. 18 K.

No. 3266.

Submitted to Government for sanction, with reference to paragraph 1336 of the Public Works Code, and with a request that the necessary orders may be issued for providing funds for the completion of the work.

2. The approval of His Excellency the Commander-in-Chief has been telegraphed to the action taken by the Brigadier-General Commanding Western District.

(By Order.)

Ootacamund, 28th April 1884. (Signed) R. C. STEWART, Brigadier-General, Quartermaster-General.

To the Secretary to Government,
Public Works Department (through Military Department).

No. 2011, Military.

Forwarded.

Ootacamund, 29th April 1884.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

Order—dated 1st May 1884, No. 1085 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, who will arrange for the early execution of the special repairs considered necessary by the Military authorities. Funds will be provided on application for the exact sum which will be required for expenditure during the current official year.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1884) Madras

PUBLIC WORKS.

Dated May, 1st.

Recd. *Regd.*

G.O., 1st May 1884, No. 1085 W.

MAY.

European Infantry Barracks, Cannanore

The Superintending Engineer, IV Circle, directed to arrange for the execution of certain special repairs to the —, with remarks as to the funds required.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from the Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 17th April 1884, No. 376 M.W. :—

The Accountant-General, Public Works Department, Madras, having brought to notice, in his statement of objectionable items for December 1883, that the estimate (Rs. 90,830) for the British infantry barracks at Malapuram has been exceeded by the large sum of Rs. 28,357, I am directed to request that, under the orders of the Governor in Council, the Government of India may be favored with an early report on the subject.

Order—dated 1st May 1884, No. 1086 W., Public Works.

Ordered that the following reply be sent :—

(Here enter No. 1087 W., dated 1st May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

Govt. of |1884| Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

G.O., 1st May 1884, No. 1086 W.

MAY.

British Infantry Barracks at Malapuram

Ordered that the Government of India be addressed with regard to their call for a report on the subject of the excess expenditure, as exhibited in the accounts for December 1883, on the estimate of Rs. 90,380 for the —.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Letter—from

Colonel J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

The SECRETARY to the GOVERNMENT of INDIA,

Military Department.

Sir,

I am directed to acknowledge the receipt of your letter, No. 373 M.W., dated 17th April 1884, calling for a report on the subject of the excess expenditure, as exhibited in the accounts for December 1883, on the estimate of Rs. 90,880 for British infantry barracks at Malapuram. In reply I am to state that His Excellency the Governor in Council has since sanctioned a revised estimate for those buildings, amounting to Rs. 1,51,610, by which the excess brought to notice by the Accountant-General, Public Works Department, has been fully covered.

2. The accompanying copy of proceedings, No. 580 W., dated 3rd March 1884, will explain the nature of the difference between the original and revised estimates.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Fort St. George,
1st May 1884.

GENERAL.
ACCOUNT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 1st.

Recd. *Encl.*

1st May 1884, No. 1087 W.

MAY.

British Infantry Barracks at Malapuram

Reporting on the subject of the excess expenditure, as exhibited in the accounts for December 1883, on the estimate of Rs. 90,830 for the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following paper:—

From Major E. A. Sarjeaunt, R.E., Officiating Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 7th April 1884, Circular No. 111, Public Works.

The following is forwarded to the Local Governments, Administrations, and Officers marginally noted for information and guidance.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab in the Public Works Department.
The Chief Commissioners of the Central Provinces, British Burma, Assam and Coorg.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana and Beluchistan.
The Accountant-General, Public Works Department.
The Inspector-General of Military Works.
The Director-General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore, and Lucknow.
The Director-General of Telegraphs in India.
The Director-in-Chief, Indo-European Telegraph.
The Director, Persian Telegraph.
The Director, Persian Gulf Telegraph.
The Superintendent of Works, Simla Imperial Circle.

The military pay of non-commissioned officers and soldiers employed in the Public Works Department, and who are not drawing consolidated pay, should be issued at the rates laid down in the appendix to this circular. Ration money at the rate of Rs. 2-9-3 per mensem will continue to be passed to all ranks in addition to this pay.

Enclosure.

Army Circular, India, dated 18th February 1884.

PAY AND ALLOWANCES.

British Army.

Rate of exchange for the conversion of English pay and remittances of British troops serving in India.

With the sanction of Her Majesty's Government, the pay and allowances of warrant and non-commissioned officers and men of the British Army serving in India will be issued under the following regulations from the dates specified.

2. From the 1st January 1884, the rates of English pay will be converted into Indian money at the rate of exchange fixed annually by Her Majesty's Government for the payment of troops serving in the Colonies.

Good-conduct pay, deferred and extra-duty pay, gratuities, prizes for skill at arms, and all allowances fixed in sterling money will be paid at the above rate of exchange.

All family, savings bank, and other remittances of Indian money to England will be made at the same rate, but only with effect from the 1st April 1884. From the 1st January to the 31st March 1884 these remittances will be made at the present rate.

3. No change will be made in the payment of any Indian allowances now fixed in Indian money.

4. The rate of exchange under the above rules has been fixed by Her Majesty's Government as 1s. 8d. the rupee for the period from 1st January to the 31st March 1884 and for the

official year 1884-85. Tables showing the pay of the troops converted at this rate are published in the appendix to this Circular.

APPENDIX.

Infantry.

Rank.	English Pay per diem.	For a Month of			
		28 days.	29 days.	30 days.	31 days.
	s. d.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Sergeants on the Unattached List.	8 9	50 6 5	52 3 2	54 0 0	55 12 10
Lance Sergeant	2 6	33 9 7	34 12 10	36 0 0	37 3 2
Corporal	1 6	28 0 0	29 0 0	30 0 0	31 0 0
Lance Corporal	1 3	21 0 0	21 12 0	22 8 0	23 4 0
Private	1 0	16 12 10	17 6 5	18 0 0	18 9 7

Order—dated 2nd May 1884, No. 1088 W., Public Works.

Communicated to the officers of the Public Works Department for information and guidance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Engineers-in-Chief, State Railways.
To Superintending Engineers.
To the Consulting Architect to Government.
" General Superintendent, Public Works Stores.
" Examiner, Public Works Accounts.
" Examiner, Railway Accounts.
" Superintendent of Works, Tank Maintenance.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 2nd.

Recd. *Encl.*

G.O., 2nd May 1884, No. 1088 W.

MAY.

Exchange

Circular from the Government of India embodying rules regarding the rate of — for conversion of English pay, &c., of British troops serving in India, communicated to officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads
Civil Works.

ORDER—dated 2nd May 1884, No. 1096 W., Public Works.

Adverting to G.O., No. 46 W., dated 10th January 1884, the Collector of the Nilgiris will be requested, in the Revenue Department, to take the requisite steps for acquiring, under Act X of 1870, the remaining portion of the plot numbered D. 311 in the Revenue Survey map of the Ootacamund Settlement.

2. A draft notification should be framed and submitted, as soon as possible, for approval and publication in the *Gazette*, the purpose for which the land is required being the construction of a road.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 2nd.

Recd. *Encl.*

G.O., 2nd May 1884, No. 1096 W.

MAY.

Acquisition of Land

Ordering steps to be taken for the acquisition of the remaining portion of the plot numbered D. 311 in the Revenue Survey map of the Ootacamund Settlement for the construction of a road.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers:—

G.O., dated 17th April 1884, Mis. No. 811, Financial.

Read—the following letter from Major S. C. CLARKE, R.E., Officiating Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 7th February 1884, No. 3044:—

With reference to the subject of the G.O., (Financial) Nos. 104, 105 of the 15th January 1884, I have the honor to request you will let me know whether all the inspection lodges and other Government buildings are to be considered liable to the municipal tax assessment or not.

2. A question has now arisen with reference to the assessment of the inspection lodge at Adóni, which has been lately built at a cost of Rs. 500. The Adóni Municipality have assessed the said building on an assumed rental of Rs. 12½ per month, whereas I cannot justly enforce a higher rent than Rs. 3 per month or 7 per cent. on its actual value from its present tenant, who is a temporary sub-overseer attached to the Public Works Department, in charge of the several buildings now under construction at Adóni.

3. I have had the matter referred to the Collector and President, but that officer asserts that the tax assessment is based, not on its actual value, but on an assumed value, because such building might realize a rental of Rs. 12½ to Rs. 15 per month. As I am unable to agree with the President on this question, not understanding the force of his argument, I must request your final orders on the subject.

No 207 D., Public Works.

Referred to the Financial Department.

Chepák,
11th February 1884.

(Signed) J. SHAW-STEWART, Col., R.E.,
Secretary to Government, P.W.D.

From H. St. A. GOODRICH, Esq., Collector and President, Municipal Commission, Bellary, to the Chief Secretary to Government, dated Bellary, 29th February 1884, No. 69.

I have the honor to return letter No. 3044, dated the 7th instant, of the Superintending Engineer, III Circle, forwarded for my remarks under endorsement of the Acting Under Secretary, dated the 18th idem, No. 325, and to enclose copies of my letter to the Superintending Engineer and of the Adóni Municipal Commissioners' resolution, both of which explain the grounds under which the assessment on the inspection shed at Adóni has been fixed.

Enclosures.

Extract from the Proceedings of the Adóni Municipal Commissioners passed at their meeting held on the 4th December 1883.

* * * * * *

4. Read letter from the Sub-Engineer, Bellary division, pointing out that the amount fixed as the annual rent of the overseer's shed is far too high comparing it with that of other buildings

in the town, and that the monthly rent fixed by the Superintending Engineer for that building is Rs. 6 which comes to Rs. 66 per annum.

The Commissioners observe that the rent fixed by them is equal to that of other similar buildings existing in that vicinity and is not in any way excessive, and they are, therefore, not inclined to consider over the matter again.

* * * * * *

Extract from the Proceedings of the Adoni Municipal Commissioners passed at their special meetings held on the 14th and 15th January 1884.

* * * * * *

Resolution No. 2. Read letter from the Sub-Engineer, Public Works Department, No. 2946 of 31st ultimo, stating that unless the Commissioners are prepared to reconsider the subject of the imposition of the tax on the shed occupied by the sub-division, he will place the matter before the President of the Municipal Commission.

The Commissioners, after perusing the past correspondence on the subject, resolve to inform the Sub-Engineer that they see no other alternative than adhering to their former resolution.

* * * * * *

From H. St. A. GOODRICH, Esq., Collector and President, Municipal Commission, Bellary, to the Superintending Engineer, III Circle, dated Bellary, 8th February 1884, No. 31.

I have the honor to state that the Government Order referred to by you in your No. 3307, dated 4th February 1884, relates to public property in cantonments. As there is no cantonment in the Adoni Municipality, the inspection shed of your department at the place is assessable with municipal tax like all other Government buildings.

2. I forward herewith, for your perusal and return, certain correspondence that has passed between the Executive Engineer, Bellary division, and the Vice-President of the Adoni Municipality, the subject-matter of which is the assessment payable on the inspection shed referred to above.

3. The assessment made and affirmed by the Commissioners is final. The Commissioners are right in assessing the building on its rent value, *vide* section 41, Act III of 1871, Towns Improvement Act. The criterion in fixing the rent is not the percentage on the capital cost of the building, but is the amount at which the building may be reasonably expected to be let. The Commissioners' error lies in their assumption that the shed may realize an annual rental of Rs. 150. It is a question of fact of which they have been constituted [illegible].

Order—dated 15th April 1884, Mis. No. 811, Financial.

The Government have no power to revise the assessment fixed by the Municipal Commissioners. If the rate is proved to be too high they will doubtless reduce it.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

To the Public Works Department, with five papers.
" President, Municipal Commission, Bellary.

Order—dated 3rd May 1884, No. 1097 W., Public Works.

Communicated to the Superintending Engineer, III Circle, with reference to his letter No. 3044, dated 7th February 1884.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.

GENERAL
ACCOUNT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 3rd.

Read. *Read.*

G.O., 3rd May 1884, No. 1097 W:

MAY.

Inspection Lodge at Adoni

The Financial Department declining to interfere in the matter of the municipal assessment on the —, communicated to the Superintending Engineer, III Circle.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from Lieutenant-Colonel P. MONTGOMERIE, R.E., Superintending Engineer, Tank Maintenance Scheme, to the Chief Engineer for Irrigation, dated Chepák, 23rd April 1884, No. 651 T. :—

I have the honor to request you will be so good as to accord sanction to the formation of two sub-divisions in the No. II Tank division, from the 1st April 1884, one at the Red Hills minor basin, and the other at the Kavalum minor basin.

No. 43 E.W.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that sanction be obtained to the formation of two sub-divisions in the No. II Tank division.

Ootacamund,
25th April 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

Order—dated 3rd May 1884, No. 1098 W., Public Works.

Sanction is accorded to the formation of two sub-divisions in the No. II Tank division, as proposed.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Tank Maintenance.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May 3rd.

Recd. *Encl.*

G.O., 3rd May 1884, No. 1098 W.

MAY.

No. II Tank Division

Sanctioning the formation of two sub-divisions in the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following paper :—

Note by the Consulting Engineer for Railways, dated 30th April 1884.

Order—dated 3rd May 1884, No. 1110 W., Public Works.

The services of Mr. R. Wallnutt, Temporary Executive Engineer, are, with the sanction of the Government of India, made available for duty in connection with the Guntakal-Hindupur Railway extension.

2. Mr. Wallnutt will be transferred from the Provincial to the Imperial establishment, the conditions of his service under Government remaining unchanged.

3. Mr. Wallnutt will join on relief by Mr. Target after return of that officer from privilege leave.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Tank Maintenance
„ Chief Engineer for Irrigation.
„ Consulting Engineer for Railways.
„ Engineer-in-Chief, Bellary-Kistna Railway.
„ Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 3rd.

Read. *Read.*

G.O., 3rd May 1884, No. 1110 W.

MAY.

Mr. Wallnutt, Temporary Engineer

The services of — made available for duty in connection with the Guntakal-Hindupur Railway extension.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—again the following papers :—

G.O., dated 6th June 1882, No. 1416 W., paragraph 6.
" " 31st July " " 1928 W.

Order—dated 3rd May 1884, No. $\frac{1111 W.}{4}$ Public Works.

In paragraph 6 of the Proceedings first read above, the Government directed that the main line of communication from Mettopálaiyam to Gúdalúr should be replaced under the Public Works Department. The orders were, however, held in abeyance by G.O., No. 1928 W., dated 31st July 1882, with the remark that, should it appear desirable to Government that the work on this line might with advantage be transferred to the Public Works Department in the next official year (1883-84), timely notice would be conveyed to the Local Fund Board.

2. No action was taken for the resumption of the road during the year 1883-84; but His Excellency the Governor in Council is of opinion that the time has now arrived when the provisions of G.O., No. 1416 W., dated 6th June 1882, should be carried into effect.

3. Notice will therefore be given, in the Financial Department, to the Local Fund Boards concerned that the charge of the road in question will, from the 1st April 1885, devolve on the Public Works Department.

4. The road will also be excluded, by notification in the Financial Department, from the operation of Act IV of 1871, as provided for in section 8 of that Act.

5. To admit of the collection of tolls which will be no longer leviable under sections 62 to 68 of the Local Funds Act IV of 1871, the provisions of Government of India Act VIII of 1851, as amended by Act XV of 1864, will, in due course, be declared to be in force as regards the line of road in question.

6. The Nilgiri Local Fund Board being relieved of their liability in regard to this road, the Financial Department will consider what portion of the Provincial grant heretofore made to the circle should be withdrawn.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 3rd.

Read. *Read.*

G.O., 3rd May 1884, No. $\frac{1111 \text{ W.}}{\text{A.}}$,

MAY.

Mettupalaiyam-Gudalur Main Road

Ordering, with remarks, that the Local Fund Boards concerned be informed in the Financial Department that the charge of the — will, from 1st April 1885, be resumed by the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 1st April 1884, No. 174 E.W.

I have the honor to submit herewith an estimate, amounting to Rs. 66,965, for an iron pipe sewer to convey the liquid sewage of the Ootacamund bazaar above the Willow bund, as well as that from Motocoherry, clear of the lake; and deposit it in the bed of the Kundal stream, at about 1,400 feet below the surplus sluice of the lake.

1 Copy of letter of the Executive Engineer, Nilgiri Division, No. 617, of 20th March 1884, with 16 enclosures.

2. The proposed pipe sewer will be of one foot interior diameter, commence above the Willow bund, at the last scarp of the brick sewer now under construction, receive the sewage of Motocoherry about 280 feet from its head, and will run along the lake margin with a slope of 5·66 feet per mile, for a length of 6,800 feet, to the surplus sluice, beyond which to the Kundal stream it falls at a slope of 1 in 58.

3. The report gives briefly a history of the project up to date, from the year 1867, when it appears to have been first thought of; also the arrangements proposed for laying the pipe, the manholes, &c., provided along it, and the means of flushing.

4. It will be observed that the amount of this estimate, added to that already sanctioned, above the Willow bund, is greater than the amounts of either Captain Tulloch's or Mr. Walch's estimates.

The present estimates, however, include certain subsidiary works, such as the cut stone drains in the upper bazaar, which were not provided for in the former estimates. It is also probable that the cost of the upper portion of the brick sewer may be reduced by the substitution of glazed earthenware pipes. And the present scheme has the advantage of providing more efficient means of flushing than would have been possible with the great brick egg-shaped sewer previously proposed.

P.S.—Maximum water level in the lake being taken at + 90, that is 10 feet below the bench mark on the parapet of the escape sluice, and the head of the pipe near the Willow bund being + 88, the whole of the pipe will be submerged when the lake is full.

Enclosure.

From J. C. LARMINIE, Esq., Executive Engineer, Nilgiri Division, to the Superintending Engineer, IV Circle, dated Ootacamund, 20th March 1884, No. 617.

With reference to your office letter, No. 422 W.C., of the 14th July 1882, I have the honor to submit a report and plans and estimates, as noted below, for that portion of the Ootacamund main sewer below the Willow bund.

2. Plans, estimates and a report have already been sent in for the upper portion of the sewer from the Willow bund, vide this office No. 607 of 28th January 1884; and the work, as you are aware, is in progress. Until such time as the sewer pipe is laid, the water in the lake must be kept down to about 89·03, to admit of the brick sewer discharging into the lake; the level of the brick sewer below this point being 89·5 (Datum 100 feet below the parapet of the lake sluice).

3. If this level had been designed higher, the fall available (1-300) for the brick sewer would have been reduced; if placed lower, the fall for the pipe would have been reduced; for, as explained in the report, the floor of the lake sluice has been taken as a tie point.

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1 Tracing of Survey showing proposed line of sewer piping, Ootacamund lake.
1 Tracing of longitudinal and cross sections for the proposed line of sewer piping, Ootacamund lake.
1 Tracing of details of off-take of iron pipe sewer, &c.
1 Do. of receiving cistern and valve connections, Melocherry.
1 Do. of manhole and iron ramp.
1 Tracing Plan of flushing cistern and valve well on Jail Hill.

---

1 Detailed and Abstract Estimates of items for pipe sewer.
1 Do. do. for receiving cistern and valve connection at head of main pipe.
1 Do. do. for receiving cistern, &c., at Melocherry.
1 Do. do. for manhole No. 1, with detail for iron-work also.
1 Do. do. for manhole No. 2.
1 Do. do. for manhole No. 3.
1 Do. do. for cistern, &c., on Jail Hill.
1 General Abstract in duplicate.
1 Specification.
1 Report.

ORDER—dated 5th May 1884, No. 1112 W., Public Works.

With his letter recorded above, the Superintending Engineer, IV Circle, submits plans and estimates, amounting to Rs. 66,935, for an iron pipe sewer at Ootacamund. This sewer is intended to convey, clear of the lake, the liquid sewage of the bazaar, and that brought down by the masonry sewer now being constructed above the Willow bund.

2. The project appears to have been drawn up with great care, and the estimates are sanctioned as supplemental to the drainage estimates already approved.

3. The total cost of the Ootacamund drainage works will now amount to Rs. 2,00,935, as shown below:—

	RS.
Bazaar drainage, sanctioned in G.O., No. 314 W., dated 29th January 1882	94,000
Masonry sewer above the Willow bund, sanctioned in G.O., No. 632 W., dated 13th March 1884	40,000
Iron pipe sewer below the Willow bund	66,935
Total ...	2,00,935

to which will have to be added the cost of the land acquired under G.O., No. 45 W., dated 10th January 1884.

4. This sanction has been registered as Provincial No. 12 W. of 1884-85, and classified "Miscellaneous Public Improvements, Original Works."

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with fifteen enclosures.
" Examiner, Public Works Accounts, with abstract estimate.
" Financial Department.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 5th.

Recd. *Rest.*

G.O., 5th May 1884, No. 1112 W.

MAY.

Ootacamund Drainage Scheme

Estimate, amounting to Rs. 66,935, for an iron-pipe sewer in connection with the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

Proceedings of the Government of India in the Public Works Department (General), dated Simla, 7th April 1884, No. 376 G.

Pay and allowances of Warrant Officers promoted to be Assistant Engineers on receiving honorary commissions, and of Civilian Upper Subordinates and Accountants promoted to be Honorary Assistant Engineers and Examiners.

Read again—

Public Works Department Circular, No. 76, dated 7th August 1867.
" " " " 110, " 1st November 1867.
" " Resolution, No. 795—206 G., dated 1st June 1882.

Endorsement of the Department of Finance and Commerce, No. 4542, dated 17th August 1883.

Letter, No. 372 E.G., dated 4th March 1879, to the address of the Accountant-General, Public Works Department, ruling that the option allowed to Military Upper Subordinates promoted to the rank of Assistant Engineers between the pay of Upper Subordinate and that of Assistant Engineers, might be exercised at each step of promotion.

Read—

Letter from the Government, North-Western Provinces and Oudh, No. 1257 E.B.E., dated 30th October 1883, inquiring whether the option between the pay and allowances of Upper Subordinates and of Assistant Engineers could be exercised more than once.

Letter from the Government of Bombay, No. 416 E.—1561, dated 8th October 1883.
" " " " 414 E.—1572, " 11th "
" " " " 420 E.—1630, " 23rd "

forwarding representations from certain Honorary Assistant Engineers on the subject of their pay and allowances.

Resolution.—His Excellency the Governor-General in Council has had under consideration the question of the pay and allowances of Warrant Officers promoted to be Assistant Engineers on obtaining honorary commissions, and of Civilian Upper Subordinates promoted to be Honorary Assistant Engineers.

In Public Works Department Circular, No. 76, dated 7th August 1867, the promotion to the rank of Assistant Engineer of Warrant Officers who obtain honorary commissions was authorised. At the time this order issued, the staff pay of the three grades of Assistant Engineers was the same as that of the three grades of Sub-Engineers, so that Warrant Officers did not gain, in point of salary, by the promotion, unless they were in a grade below that of Sub-Engineer. In regard to their allowances, it was ruled at first that they were to draw the travelling allowance of Assistant Engineers, foregoing the sub-divisional allowance of Rs. 30 admissible by the Code to Upper Subordinates placed in charge of sub-divisions. It was pointed out, however, that by this ruling they would lose more largely than was anticipated, and, on a reconsideration of the matter, it was decided in Public Works Department Circular, No. 110, dated 1st November 1867, that, on promotion, they should be allowed the option between the allowances of Assistant Engineers or those they previously drew as Upper Subordinates. At the time that this order issued, it should be observed that the option lay between the *allowances* of Sub-Engineers and those of Assistant Engineers, and not between the *salaries* of the two classes.

2. On the reorganisation of the Department in 1879, when staff salaries for Assistant Engineers were abolished, and consolidated salaries assigned, the option referred to above became applicable to the salaries of the two classes also, but in practice it would only be exercised in one particular case, namely, that of a Warrant Officer who happened to be at the same time a Sub-Engineer, 1st Grade, and Deputy Assistant Commissary, because, as shown by the comparative statement of the salaries of the two classes in the margin, this is the only case in which the election of the Assistant Engineer's salary would be advantageous. As the option between salaries was never intended to be exercised by the original order, and as the advantage of such option must affect a very small number, His Excellency the Governor-General in Council is pleased to decide that it shall be withdrawn.

—	Upper Subordinates' salaries.			Assistant Engineers' salaries.
	Deputy Assistant Commissary.	Assistant Commissary.	Deputy Commissary.	
	RS.	RS.	RS.	RS.
Sub-Engineer, 1st Grade	432	475	591	450
Do. 2nd do.	382	425	541	350
Do. 3rd do.	347	379	491	250

3. With the exception of the single case just referred to, the option in the matter of allowances has hitherto been between the horse and lower daily and mileage allowances of Sub-Engineers on the one hand, with the Sub-divisional allowances permissible under the rules, and the higher daily mileage and Railway allowances of Assistant Engineers, without horse and Sub-divisional allowance, on the other. The order of the Department of Finance and Commerce, No. 2582, dated 17th August 1883, interpreted the rules of the new Civil Travelling Allowance Code so as to admit of Warrant Officers promoted to be Assistant Engineers drawing the higher daily mileage and Railway allowances of Assistant Engineers, but was silent in the matter of horse allowance. On a further consideration of the matter, His Excellency the Governor-General in Council is pleased to decide that horse allowance shall not be granted in addition to the higher allowances of Assistant Engineers, because such a concession would manifestly place Warrant Officers, promoted to the Assistant Engineer class on attaining honorary commissions, in a better position than Assistant Engineers. If, therefore, the Assistant Engineers' allowances are drawn, horse allowance cannot be granted; but any Warrant Officer may retain his horse allowance by electing the other travelling allowances of Upper Subordinates; and the Sub-divisional allowances of Upper Subordinates may be retained in any case.

4. Several applications have been received from Civilian Upper Subordinates who have been promoted to be Honorary Assistant Engineers under the provisions of Public Works Department Resolution No. 782—810 G., dated 1st June 1882, for the grant to them of the same pay and allowances as Assistant Engineers, and for the change of their designation from Honorary to Extra Assistant Engineers. The principal argument brought forward in support of these requests is, that Military Upper Subordinates who obtain honorary commissions become at the same time substantive Assistant Engineers, and obtain, with the departmental rank, the improved pay and travelling allowance pertaining to it. In point of fact, however, the salaries of Military Subordinates have hitherto been affected by their promotion to the Assistant Engineer class only in one contingency, which would seldom occur, and under the ruling contained in this Resolution their salaries will no longer be so affected. There does not seem, therefore, to be any ground for raising the salaries of Upper Subordinates who are made Honorary Assistant Engineers. It is considered, however, that they may reasonably expect to be treated in the same manner as Military Upper Subordinates in the matter of travelling allowances; and it is accordingly ruled that they shall exercise the same option between subordinate allowances with horse allowance, and Assistant Engineer allowances, as has been conceded to Warrant Officers in the foregoing paragraph.

5. Similarly, it is ruled that accountants promoted to the rank of Honorary Assistant Examiner shall draw the mileage and railway allowances of Assistant Engineers.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab in the Public Works Department.
The Chief Commissioners of the Central Provinces, British Burmah, Assam, and Coorg.
The Resident at Hyderabad.
The Agent to the Governor-General for Central India Rajputana and Biluchistan.
The Accountant-General, Public Works Department.
The Director General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore and Lucknow.
The Director-General of Telegraphs in India.
The Member-in-Chief, Indo-European Telegraph.
The Director, Persian Telegraph.
The Director, Persian Gulf Telegraph.
The Superintendent of Works, Simla Imperial Circle.

Order.—Ordered that this Resolution be communicated to the Local Governments, Administrations and officers marginally noted, for information and guidance.

Also to the Financial Department for information, and to the Military Department for communication to the Inspector-General of Military Works.

(Signed) A. B. SAMPSON,
Under Secy. to the Govt. of India.

To the Secretary to the Government of Madras,
Public Works Department.

Order—dated 6th May 1884, No. 1113 W., Public Works.

Communicated to the officers of the Public Works Department, for information and guidance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
,, Consulting Engineer for Railways.
,, Engineers-in-Chief, State Railways.
,, Superintending Engineers.
,, Consulting Architect to Government.
,, General Superintendent, Public Works Stores.
,, Examiner, Public Works Accounts.
,, Examiner, Railway Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 188

Recd. *Encl.*

G.O., 5th May 1884, No. 1113 W.

MAY.

Pay and Allowances

Resolution, of the Government of India regarding—of Warrant Officers promoted to be Assistant Engineers on receiving honorary commissions, and of Civilian Upper Subordinates and Accountants promoted to be Honorary Assistant Engineers and Examiners, communicated to Officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from J. GRIMES, Esq., Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle, dated Madura, 2nd April 1884, No. 7 S.E.:

In forwarding, herewith, the original plan and estimate for constructing a sub-registrar's office at Melur, sanctioned in G.O., No. 978 W., dated 31st March 1883, I have the honor to draw your attention to the pencil corrections, from which you will observe that, through oversight, the quantity of brick-work as corrected in your office has been taken as 86·67, instead of 80·57 units, which has increased the estimate by Rs. 760. An allotment of Rs. 2,830, as per original estimates, has also been provided for in the budget for 1884-85. Therefore, I request that the allotment may be duly modified to Rs. 2,070, and the corrected estimate returned to me at your earliest convenience.

No. 18 M.B.

Endorsement on the above.

Submitted to the Chief Engineer, Public Works Department, with reference to G.O., No. 978 W., dated 31st March 1883.

2. It is requested that the estimate, amounting to Rs. 2,070, may be sanctioned in lieu of the one sanctioned in Provincial register No. 280 W. of 1882-83, and the grant, viz., Rs. 2,830, provided for the work in the preliminary issue of the Provincial budget for 1884-85 may be reduced to Rs. 2,070.

KODAIKANAL,
7th April 1884.

(Signed) H. E. MEAD, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

ORDER—dated 5th May 1884, No. 1114 W., Public Works.

The estimate, as modified, amounting to Rs. 2,070, for constructing a sub-registrar's office at Melur, in the Madura district, is sanctioned, in lieu of that referred to in G.O., No. 978 W., of the 31st March 1883.

2. A sum of Rs. 2,830 having been provided in the budget estimate for 1884-85 for the work in question, the difference, Rs. 760, is resumed and added to the Provincial reserve with Government under Civil Buildings.

3. This sanction has been registered as Provincial No. 11 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with one enclosure.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 5th.

Read. *Read.*

G.O., 5th May 1884, No. 1114 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 2,070 for constructing a — at Melur, in the Madura district, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

Endorsement, No. 187, dated 25th January 1884, in the Public Department, on letter from
the Superintendent, Government Central Museum, dated 19th January 1884, No. 40.
From the Consulting Architect to Government, dated 5th February 1884, No. 1466.
Note by the Chief Engineer, Public Works Department, dated 10th February 1884.
Endorsement, No. 37 I. W., dated 17th March 1884, of the Chief Engineer for Irrigation,
on letter from Mr. C. Vincent, dated 11th March 1884.
Endorsement, No. 4328, dated 31st March 1884, of the Superintending Engineer, V Circle,
on letter from Major Drake-Brockman, R.E., dated 27th March 1884, No. 2427.
From Mr. C. Vincent, Executive Engineer, Public Works Department, dated 4th April
1884.
From the Consulting Architect to Government, dated 18th April 1884, No. 76.

Order—dated 5th May 1884, No. 1120 W., Public Works.

In the letter read at the head of these proceedings, the Superintendent of the
Central Museum brings to notice the badness of the woodwork used in the construc-
tion of the gallery which was sanctioned in G.O., dated 14th September 1882,
No. 2378 W.

2. Surgeon-Major Bidie's complaints in this matter are in the main confirmed by
the Chief Engineer, who condemns the material and workmanship of the flooring in
the new gallery, and of the windows by which it is lighted.

3. Owing to the frequent changes in the post of Consulting Architect during
1883, it is not easy to apportion the responsibility for the bad work. On the 16th
April, Mr. Chisholm handed over charge of the office to Mr. Vincent; and, during
the absence of the latter at Simla from 20th August to 15th October, Major Brock-
man was in charge. The purchase of the timber appears to have been made by
Mr. Chisholm, and the work was executed under Mr. Vincent and Major Brockman.
In the opinion of His Excellency the Governor in Council, these three officers must
share the discredit for the bad work.

4. During the entire period of construction, the sub-divisional officer in charge
of the work was Mr. J. H. Stephens, Honorary Assistant Engineer; and the Govern-
ment regret that they cannot consider his explanation sufficient to exculpate him
altogether from blame.

5. It is in some measure satisfactory to learn that several of the defects complained
of have been already remedied; and that the work, though rough and inferior in
finish, is sufficiently strong for the purpose.

6. The Consulting Architect will report upon the difficulties which appear to be experienced in procuring an adequate supply of well-seasoned timber, and will state what measures he recommends in view to the removal of those difficulties.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Superintending Engineer, V Circle.
" Public Department.

GENERAL
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 5th.

Recd. *Recd.*

G.O., 5th May 1884, No. 1120 W.

MAY.

Government Central Museum

Censuring officers concerned in the badness of the woodwork used in the construction of the gallery at the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General,
Establishment.

Read—the following papers :—

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Cocanada, 14th March 1884, No. 568 G.N.

I have the honor to bring to your notice that in G.O., No. 3120 W., dated 30th November 1883, no storekeeper has been sanctioned for the Rushikulya division, and I now request you will be good enough to have a storekeeper on a salary of Rs. 25 per mensem, sanctioned by Government for that division.

2. I submit herewith a letter * and its enclosure, in original, received from the Executive Engineer, Rushikulya division, reporting that he has appointed one Mr. J. A. Potgeiter, an old Government servant, as storekeeper in Rushikulya division office, and I recommend that the appointment be sanctioned.

* No. 65 of 15th January 1884.

Office note from the Examiner, Public Works Accounts, dated 3rd April 1884, No. 4.

G.O., dated 19th April 1884, Mis. No. 194, Educational.

Read—letter from the Public Works Department, dated 8th April 1884, No. 845 C.

Order—dated 19th April 1884, Mis. No. 194, Educational.

Mr. Potgeiter will be exempted from the Middle School Examination while he holds the temporary appointment of storekeeper.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

From the Superintending Engineer, I Circle, dated 22nd April 1884, No. 519 N.

ORDER—dated 5th May 1884, No. 1121 W., Public Works.

The appointment of a storekeeper on Rs. 25 per mensem, in the Rushikulya division, is sanctioned.

2. Mr. J. A. Potgriter, who has been selected for the post, has been exempted from the Middle School Examination in the Proceedings of Government, Educational Department, above recorded.

3. The sanction accorded in paragraph 1 has been registered as Provincial No. 7 W. of 1884-85 and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with two enclosures.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated Reg. 68.

Recd. *Encl.*

G.O., 5th May 1884, No. 1121 W.

MAY.

Rushikulya Division

The appointment of a storekeeper on Rs. 25 per mensem in the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From the Venerable J. F. BROWNE, Archdeacon of Madras, to the Chief Secretary to Government, dated Madras, 16th April 1884, No. 15.

I have the honor to forward, for the consideration of Government, a letter from the lay trustee of Christ church, Salem, asking that sanction may be accorded—

1. To construct a porch in front of the church at a cost of ... Rs. 730
2. Ridging the church with tiles at a cost of ... ... „ 178

Estimates and a plan of the proposed porch are enclosed.

In answer to a letter written by me to the lay trustee, requesting him to furnish me with the opinion of the Executive Engineer as to the necessity of the work, I have the honor also to enclose a letter from the Executive Engineer, Salem division.

Enclosure.

From J. W. BELL, Esq., Executive Engineer, Salem Division, to the Lay Trustee, Christ Church, Salem, dated 20th February 1884, No. 401.

With reference to the two estimates I framed, on your request, for repairing the ridge of the church and adding a porch to the front entrance of building, I have the honor to inform you that I am of opinion that both of these works are necessary. The ridge leaks owing to the zinc sheeting becoming loose. This, you are aware, was only a temporary work, put on three years ago, until it was decided the description of tiles to be used.

2 Estimates. | 1 Plan.
2 Reports. | 1 Copy of tracer.

As regards the porch, it will provide the shelter required during rainy weather for carriages that draw up at the door, and also will allow the existing entrance being opened in the evening, which I believe has to be closed owing to the sun streaming in during service.

No. 397. Ecclesiastical.

Approved and transferred to the Public Works Department for further disposal.

(Signed) E. F. WEBSTER,
Chief Secretary.

Ootacamund,
21st April 1884.

Order—dated 8th May 1884, No. 1122 W., Public Works.

The estimates, amounting to Rs. 881, for improvements to Christ church, Salem, are sanctioned against the minor works grant to the Salem division.

2. The plan and estimates should have been transmitted by the Executive Engineer to the Ecclesiastical authorities, through the Superintending Engineer, as required by rule.

3. This sanction has been registered as Provincial No. 13 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 6th.

Recd. *Encl.*

G.O., 6th May 1884, No. 1122 W.

MAY.

Christ Church, Salem

Estimates, amounting to Rs. 995, for improvements to the —, sanctioned.

GOVERNMENT OF MADRAS

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 5th March 1884, No. 266 G.N.

I have the honor to submit herewith, for sanction, a revised estimate of Rs. 935, together with a comparative statement, for constructing a wall round the compound of the Native Infantry Hospital at Berhampore. The original estimate for this work for Rs. 805 was sanctioned in G.O., No. 1236 W. of the 25th April 1883.

2. The reasons for the excess over the original estimate are given in the last column of the comparative statement.

No. 657 C., Public Works.

Submitted for the approval of Government in the Military Department.

(By Order.)

CHEPAUK, 17th March 1884. (Signed) J. SHAW-STEWART, Colonel, R.E., Chief Engineer, Public Works Department.

No. 1382, Military.

Referred to His Excellency the Commander-in-Chief.

(By Order.)

FORT ST. GEORGE, 20th March 1884. (Signed) A. R. KENNEY-HERBERT, Lieut.-Colonel, Offg. Secretary to Government.

To the Quartermaster-General.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 22nd April 1884, No. 3072.

I have the honor, by order, to return, with approval of His Excellency the Commander-in-Chief, the revised estimate, amounting to Rs. 935, for constructing a compound wall round the Native Infantry Hospital at Berhampore, received with the reference order from Government, No. 1382, dated 20th March 1884, which is also herewith returned.

2. The estimate has been countersigned.

No. 1920, Military.

Approved.

(By Order.)

(Signed) A. R. KENNEY-HERBERT, Lieut.-Colonel,
Offg. Secretary to Government.

23rd April 1884.

To the Public Works Department.

ORDER—dated 6th May 1884, No. 1123 W., Public Works.

The revised estimate, amounting to Rs. 935, for constructing a compound wall round the Native Infantry Hospital at Berhampore, is sanctioned.

2. This sanction has been registered as Imperial No. 5 W. of 1884-85, in supersession of Imperial No. 3 W. of 1883-84, and is classified as Military, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with two enclosures.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 6th.

Read. *Read.*

G.O., 6th May 1884, No. 1123 W.

MAY.

**Native Infantry Hospital,
Berhampore**

Revised estimate of Rs. 985, for constructing a compound wall round the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Masulipatam, 7th April 1884, No. 50 K.S. :—

I have the honor to forward, for your approval and the sanction of Government, a revised estimate for metalling the road from Pámarru to Gudiváda with the accompaniments noted in the margin.

- 1 Detailed estimate.
- 1 Abstract estimate for Rs. 60,580.
- 1 Comparative statement.
- 1 Copy of Local Fund Engineer's letter, No. 178.
- 1 Superintending Engineer's report.

2. My report accompanies, and I have countersigned the estimate.

Order—dated 6th May 1884, No. 1124 W., Public Works.

The revised estimate, amounting to Rs. 60,680, for metalling the road from Pámarru to Gudiváda, in the Kistna district, is sanctioned.

2. This estimate is less, by Rs. 4,090, than the original one of Rs. 66,670, sanctioned in G.O., No. 769 W., dated March 1879.

3. This sanction has been registered as Local No. 7 W. of 1884-85, and cancels Local No. 240 D. of 1878-79.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Gov., P.W.D.

To the Board of Revenue, with five enclosures.
" Superintending Engineer, II Circle.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 6th.

Read, *Encl.*

G.O., 6th May 1884, No. 1124 W.

MAY.

Road

Revised estimate of Rs. 66,680, for metalling the — from Pámarru to Gudiváda, in the Kistna district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 8th April 1884, No. 2473:—

I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the plan and estimate below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned.

Plan and estimate, amounting to Rs. 500, for the construction of a cistern in which to collect the waste water from the wash-houses of the European Infantry Barracks at Bellary, and two carts with barrels for carrying away the same, as recommended by the Committee in the Proceedings, enclosed.

2. In consequence of the nuisance caused by the lodgement of the waste water at different parts of the open drains leading from the wash-houses of the barracks in question, a committee was assembled, which proposed two plans for remedying the same—one the extension of existing drains, at a cost of Rs. 3,780, and the alternative scheme now submitted for constructing three cisterns to be emptied by pumps and contents carried away in carts in the barrels at an aggregate expenditure of Rs. 1,600, for which sanction is now sought. Both the Executive Engineer and Brigadier-General Commanding Ceded Districts consider this plan the better of the two. It is proposed to use Government cattle to work the carts.

3. As the work is urgently required, I am to request the necessary funds may be allotted to allow of its being at once taken in hand.

No. 1765, Military.

Approved and transferred to the Public Works Department, for issue of the necessary orders.

(By Order.)

Ootacamund, (Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
15th April 1884. Offg. Secretary to Government.

Order—dated 6th May 1884, No. 1125 W., Public Works.

The estimate, amounting to Rs. 1,600, for constructing three cisterns to receive the waste water from the wash-houses of the European Infantry Barracks at Bellary, is sanctioned.

2. The Superintending Engineer will include the work in his statement of demands against the reserve under Military.

3. This sanction has been registered as Imperial Ordinary No. 4 W. of 1884-85 and classified as Military Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with three enclosures.
" Examiner, Public Works Accounts.
" Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 08.

Recd. *Encl.*

G.O., 6th May 1884, No. 1125 W.

MAY.

European Infantry Barracks, Bellary

Estimate of Rs. 1,500, for constructing three cisterns to receive the waste water from the wash-houses of the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Coimbatore, 2nd April 1884, No. 87 M.:—

With reference to G.O., No. 2808 W., of 8th October 1883, I have the honor to forward, for transmission to Government for sanction, three plans and an estimate, amounting to Rs. 2,265, for constructing a sub-registrar's office at Tiruchengōd, Salem district.

2. A bill of compensation for the site, prepared by the Collector, is also herewith enclosed.

No. 857.

Submitted for the sanction of Government.

OOTACAMUND,
7th April 1884.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 879, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
21st April 1884.

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 6th May 1884, No. 1126 W., Public Works.

The estimate, amounting to Rs. 2,265, for constructing a sub-registrar's office at Tiruchengōd, in the Salem district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 14 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 6th.

Recd. *Ent.*

G.O., 6th May 1884, No. 1126 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 2,235, for constructing a — at Tiruchengod, in the Salem district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Officiating Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Camp, Ramandroog, 4th April 1884, No. 27:—

I have the honor to forward an abstract estimate, amounting to Rs. 2,360, for constructing a sub-registrar's office at Hospet, after the standard design approved of in G.O., No. 150 W., dated 14th January 1882, and to request that the same may be transmitted for approval of Government, in the Judicial Department, agreeably to the rules laid down in G.O., No. 483 W., dated 21st February 1884.

1 Abstract estimate	1 Report.
1 Specification.	1 Site plan.

2. An estimate for the above was called for in G.O., No. 541 W., dated 19th February 1883.

No. 563.

Submitted for the sanction of Government.

Ootacamund,
9th April 1884.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 888, Judicial.

Approved and transferred to the Public Works Department.

(By Order,)

Ootacamund,
23rd April 1884.

(Signed) E. F. WEBSTER,
Chief Secretary.

Order—dated 6th May 1884, No. 1157 W., Public Works.

The estimate, amounting to Rs. 2,360, for constructing a sub-registrar's office at Hospet, in the Bellary district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 15 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with four enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 83.

Reçd. *Encl.*

G.O., 6th May 1884, No. 1127 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 2,380 for constructing a — at Hospet, in the Bellary district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Captain G. C. RAWSON, R.E., Executive Engineer in charge, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 21st April 1884, No. 233 G.D.:—

Under paragraph 1259 of the Public Works Code, I have the honor to submit herewith, for sanction and appropriation of funds, an estimate of Rs. 567, for the articles required for the church at Dowlaishweram, the construction of which was sanctioned in G.O., No. 5116 W. of the 3rd November 1883.

2. The certificate required by the above paragraph is also herewith submitted.

Order—dated 6th May 1884, No. 1128 W., Public Works.

The estimate, amounting to Rs. 1,134, for the supply of furniture for the church at Dowlaishweram, is sanctioned.

2. The moiety of funds to be met by Government, viz., Rs. 567, is appropriated from the Provincial reserve.

3. This sanction has been registered as Provincial No. 17 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle, with one enclosure.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 6th.

Recd. *Fwd.*

G.O., 6th May 1884, No. 1128 W.

MAY.

Dowlaishweram Church

Estimate of Rs. 1,15[illegible], for the supply of furniture for the—sanctioned, and a moiety of funds appropriated from the Provincial reserve.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Rámandrug, 18th April 1884, No. 106:—

With reference to G.O., No. 783 W., dated 24th March 1884, I have the honor to submit, for sanction of Government, a plan and estimate, amounting to Rs. 18,494, for constructing a combined office, with a compound wall, for the Superintending and Executive Engineers, in the fort at Bellary.

1 Plan.
1 Site plan.
1 Detailed estimate.
2 Abstract estimates.

2. I request that funds may be provided for the work, and authority given for the collection of materials, so that the work may be commenced directly it is sanctioned for execution.

Order—dated 8th May 1884, No. 1120 W., Public Works.

The estimate, amounting to Rs. 18,494, for constructing a combined office for the Superintending and Executive Engineers, in the fort at Bellary, is sanctioned.

2. The question of funds will be considered in connection with the distribution of the reserve. Meanwhile no expenditure on the work should be incurred.

3. This sanction has been registered as Provincial No. 16 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with four enclosures.
" Examiner, Public Works Accounts, with one abstract estimate.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 5th.

Recd. *Exd.*

G.O., 6th May 1884, No. 1129 W.

MAY.

Combined Office for the Superintending and Executive Engineers at Bellary

Estimate of Rs. 18,494, for constructing a —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

G.O., dated 13th December 1883, Mis. No. 5579, Revenue.

Read—the following proceedings of the Board of Revenue, dated 26th November 1883, No. 5646:—

Read—the following letter from Major S. C. CLARKE, R.E., Officiating Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 1st November 1883, No. 3168:—

I have the honor now to submit, for the approval of Government, the accompanying estimate (with tracing of design) for adding two wings to the present Collector's cutcherry at Bellary and for altering the general facade of the same.

1 Plan.
1 Site plan.
1 Abstract estimate in duplicate.

2. The pressing necessity for increasing the accommodation of the existing cutcherry was mooted many years ago, viz., as far back as 1871, and was again brought to my notice by Mr. H. P. Gordon, Collector of Bellary, in April last. When talking over the subject with that officer, it was finally decided to add two wings and to improve the general appearance of the cutcherry in preference to constructing an entire new building, since I calculated that the former arrangement could be carried out at a much less cost, and because Mr. Gordon considered that no better site could be selected for the cutcherry. The original intention was to endeavour to sell the existing building and to meet partly the cost of an entire new building by the proceeds of the sale. It is a very doubtful matter whether the existing building would be required by any one with sufficient capital, so that there is the possibility that it would have to be sold by auction at a nominal value, and at a considerable loss to Government.

3. Its proximity to the telegraph office, railway terminus and other Government offices makes the site the best that can be found for the Collector's cutcherry.

4. In March 1871, Mr. Chisholm, Consulting Architect to Government (vide G.O., No. 898, of 22nd May 1871), submitted a design with estimate for the cutcherry, amounting to Rs. 1,30,000; this being considered too costly, the same officer submitted, later on, a modified design to cost from Rs. 80,000 to Rs. 88,000 (vide G.O., No. 2926 of December 1872); but no further action seems to have been taken in the matter.

5. Both Mr. H. P. Gordon and the present acting Collector, Mr. H. Goodrich, state that their office-rooms are overcrowded, and that it is of imperative necessity that the accommodation should be, in some measure, increased. The Revenue Board have now, I am given to understand, sanctioned a separate bungalow being rented to afford the requisite increased office space until the existing building is enlarged.

6. The design now submitted has been approved of by the acting Collector, as well as by his predecessor, Mr. H. P. Gordon, and as the estimate is comparatively speaking a low one, it is hoped that the Government will approve of its being entered in the coming year's budget for early execution.

7. The existing building will accommodate the following offices :—

	Rooms.	
Upper Story.	Magistrate's Court ... ... } Deputy Collector at Treasury ... ... }	1,202·6
Lower Story.	Treasury and lock-up rooms	598·
	Offices for sheristadar and treasury clerks ...	1,214·75
	Police guard	264·
Right Wing. Upper Story.	Collector's office	556·5
	Assistant Collector's office	357·
Lower Story.	Collector's and Assistant Collector's English correspondence office clerks	260·
	Sheristadar's office	180
Left Wing. Upper Story and Lower Story.	Town Sub-Magistrate's office	248
	Forest Assistant Superintendent's office ...	267·5
	Office clerks	250·

8. There is a detached building in rear (vide ground plan) which now accommodates the printing establishment, office records and a large proportion of the office clerks. It is intended to leave the printing establishment and records in their present position and to accommodate some of the clerks (possibly of the vernacular department) in the rooms now occupied by the English department.

9. The existing site will have to be enlarged by a portion of the adjoining property, on the south-west side, being purchased; but it is understood that the Collector will have no difficulty in acquiring it.

10. The estimate includes the cost of substituting a stone-wall for the existing mud one, which is in a deplorable state of disrepair and practically of little use as an enclosure wall.

Enclosures Nos. 2 and 3—Plans.

Enclosures Nos. 3 and 4—Estimate in duplicate.

No. 2136-C.

Forwarded to the Revenue Department for opinion as to the sufficiency of the accommodation and arrangements proposed.

(By Order.)

Ootacamund,
13th November 1883.

(Signed) C. BOWEN, Major R.E.,
Under Secy. to Govt., P.W.D.

Mis. No. 4650.

Forwarded to the Board of Revenue for remarks, with reference to the correspondence ending with G.O., dated 17th December 1872, No. 98.

Fort St. George,
21st November 1883.

(Signed) E. F. WEBSTER,
Secy. to Govt., Rev. Dept.

Resolution—dated 30th November 1883, No. 3646.

The Board approve of the amended design for the extension of the Collector's cutcherry at Bellary. The arrangement proposed has been approved of by both Mr. Gordon and Mr. Goodrich, and the accommodation to be provided appears ample. The Board recommend that the work may be sanctioned and funds provided for its execution as early as possible.

(True Copies and Extract.)

(Signed) E. GIBSON,
Acting Secretary.

Order—dated 18th December 1883, Mis. No. 6070, Revenue.

Transferred to the Public Works Department, with the intimation that the amended design has the approval of Government in the Revenue Department.

(True Extract.)

(Signed) F. S. LAFFAN,
Ag. Under Secy. to Govt.

No. 201 C.

Forwarded to the Consulting Architect to Government, who will frame a suitable design for the proposed improvements and additions, on the same general lines and at the same approximate cost; or adapt a better façade to the old central building and Major Clarke's new wings.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
28th January 1884. Chief Engineer, P.W.D.

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Ootacamund, 14th February 1884, No. 1524.

1 Proceedings of Government, Revenue Department.
2 Original estimates.
1 Tracing original design.
1 Do. site plan.
1 Do. revised design.
1 Revised estimate.

In reply to your memorandum, No. 201 C., dated 28th November (erroneously entered for 28th January 1884), I have the honor to submit a design for the proposed improvements and additions to the Collector's cutcherry at Bellary and to return the papers received with the above reference.

2. The new design is on the same general lines and at the same approximate cost as Major Clarke's design.

3. I enclose an approximate detailed estimate of the cost of the new design, which will not come to more than Rs. 44,000.

4. The clear-story windows and the parapet terminals might be modified, or the latter even omitted, if thought desirable, without affecting the general character of the design. The whole of the architectural features have been purposely designed in a plain and simple manner.

5. I have omitted one of the two staircases in each of the wings (as two staircases to give access to two rooms seem superfluous and one is in the way of the passage) and have lengthened the main rooms in each wing by 5 feet. In all other respects the old plan has been retained, as it seems to have been carefully considered and to have been approved of by the gentlemen who are to occupy the building.

From Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Camp, Ramandroog, 12th April 1884, No. 78.

1 Letter from the Consulting Architect.
1 G.O., No. 6070, in the Revenue Department.
1 Original plan.
1 Revised plan.
1 Site plan.
1 Original abstract estimate.
1 Do. do. framed by Consulting Architect.
1 Duplicate do. do.

With reference to your memorandum, No. 238 C., dated 22nd February 1884, I have the honor to submit the plan and estimate for the proposed improvements and extensions to the Collector's cutcherry at Bellary, with necessary alterations in same.

2. The depth of the foundations has been increased to 3 feet and the breadth has also been increased proportionately. The thickness of the tower has been increased to 2½ feet on the lower story.

3. The rates for the following items have been raised as shown below as the increased rates are necessary to ensure first-class work being turned out:—

	RS.	A.	P.	
Hammer-dressed stone-work, upper story	97	0	0	per 100 cubic feet.
Cornice work dentals	1	4	0	„ cubic foot.
Teakwood, wrought, &c.	4	8	0	„ „
Ventilat...	3	4	0	„ „
Doors, half venetianed and half panelled	1	5	0	„ square foot.

4. An expenditure of Rs. 2,586 on account of stone terminals would appear to be unnecessary, since the terminals might, with advantage, be of much smaller dimensions and could be designed after a more picturesque pattern. If the terminals are to be of stone they would be of great weight.

ORDER—dated 6th May 1884, No. 1134 W., Public Works.

The estimate, amounting to Rs. 47,540, for additions and improvements to the Collector's cutcherry at Bellary, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 18 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with five enclosures.
„ Consulting Architect to Government.
„ Examiner, Public Works Accounts, with duplicate abstract estimate.
„ Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 6th.

Read. *Read.*

G.O., 6th May 1884, No. 1134 W.

MAY.

Collector's Cutcherry at Bellary

Estimate of Rs. 47,540 for additions, &c., to the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 20th March 1884, No. 4411.

With reference to your endorsement, No. 488, dated 12th instant, I have the honor to forward a revised statement of temporary establishment in 1884-85, prepared in the revised form No. M. 184 of the Public Works Department Code.

V CIR

Statement of Proposition for continuance

Order sanctioning present establishment		Office to which proposition refers.	Nature					
			Present Scale.					
			Number.	Designation.	Pay.			
Number.	Date.				Minimum.	Increment.	Maximum.	Average cost.
G.O., No. 116 W.	20th Mar. 1881.	Dundrug Division Office Establishment.	1	Clerk, 4th class, 3rd grade.	20	..	42	23
			1	Draftsman, 3rd class.	20	..	31	22
								45
								450
Do. ..	Do. ..	Chingleput Division Office Establishment.	2	Clerks, 5th class, 3rd grade.	15 each.	..	20 each.	30
								30
								360
No. 2118 W.	10th Aug. 1883.	South Arcot Division Upper Subordinate Establishment.	1	Overseer 3rd grade.	60	..	60	60
								60
								720
No. 12 W.	7th Jan. 1884.	South Arcot Division Establishment for Vadapuram, Assistant Engineer.	1	Clerk, 4th class, 3rd grade.	21	..	21	22
			3	Lascars.	4 each.	..	6 each.	15
								35
								56
No. 935 W.	29th Mar. 1883.	South Arcot Division Divisional Office Establishment.	1	Clerk, 4th class, 3rd grade.	10	..	40	21
			1	Clerk, 5th class, 3rd grade.	25	..	30	21
			1	Draftsman, 3rd class	20	..	30	22
								73
								861
No. 2463 W.	3rd Sept. 1883.	South Arcot Division Chidambaram Sub-division Office Establishment.	1	Clerk 4th class, 3rd grade.	21	..	30	22
			1	Clerk, 5th class, 3rd grade.	15	..	21	15
			1	Draftsman, 3rd class	20	..	31	20
								56
								780
No. 466 W.	4th Mar. 1881.	South Arcot Division Upper Subordinate Office Establishment.	6	Lascars	5 each.	..	7 each.	14
No. 2464 W.	11th Sept. 1881.	South Arcot Division Upper Subordinate Office Establishment.	1	Lascar under temporary Overseer V. Ilumalampe Monthly.	5	..	8	7
								5
								63

ULE.

of Temporary Establishment during 1884-85.

Charges.						Proposed.						
Proposed Scale.						Permanent.		Temporary.				Remarks by Superintending Engineer.
		Pay.				Increase per month.	Decrease per month.	Increase per month.		Decrease per month.		
Number.	Designation.	Minimum.	Increment.	Maximum.	Average for year.	Amount.	Amount.	Period.	Amount.	Period.	Amount.	
1	Clerk, 4th class 3rd grade	20	..	20	20	..	..	..	..	..	..	
1	Draftsman ..	20	..	30	23	..	..	..	..	..	..	
	Per month ..	..	..	..	43	..	..	..	..	..	..	
	For 12 months from 1st March 1884 to 28th February 1885				[illegible]	..	..	..	..	..	..	
2	Clerks 6th class 3rd grade	15 each	..	25 each	21	..	..	..	..	..	..	
	Per Month ..	..	..	..	[illegible]	..	..	..	..	..	..	
	For 12 months from 1st March 1884 to 28th February 1885				[illegible]	..	..	..	..	..	..	
1	Overseer, 3rd grade	[illegible]	..	[illegible]	[illegible]	..	..	..	..	..	..	
	For one month ..	..	..	..	[illegible]	..	..	..	..	..	..	
	For 12 months from 1st March 1884 to 28th February 1885				[illegible]	..	..	..	..	..	..	
1	Clerk, 4th class 3rd grade	20	..	30	20	..	..	..	..	..	..	It is anticipated that in the end of May Mr. [illegible] may be in charge of a sub-division and therefore the staff [illegible] may be required for road [illegible].
2	Lascars ..	6 each	..	8 each	15	..	..	..	..	..	..	
	For one month ..	..	..	..	35	..	..	..	..	..	..	
	For 3 months from 1st March to 31st May 1884				93	..	..	..	..	..	..	
1	Clerk, 6th class, 3rd grade	15	..	25	22	..	..	..	..	..	..	
1	Clerk, 5th class, 3rd grade	50	..	31	20	..	..	..	..	..	..	
1	Draftsman, 3rd class	20	..	32	26	..	..	..	..	..	..	
	For one month ..	..	..	..	70	..	..	..	..	..	..	
	For 12½ months, from 1st March 1884 to 28th February 1885				[illegible]							
1	Clerk, 6th class, 3rd grade	21	..	31	21	..	..	..	..	..	..	
1	Clerk, 6th class, 3rd grade	15	..	25	47	..	..	..	..	..	..	
1	Draftsman, 3rd class	25	..	31	30	..	..	..	..	..	..	
	For one month ..	..	..	..	55	..	..	..	..	..	..	
	For 12 months from 1st March 1884 to 28th Feb. 1885				[illegible]	..	..	..	..	..	..	
5	Lascars ..	6 each	..	6 each	42	..	..	..	..	..	..	
1	Lascar ..	5	..	5	[illegible]	..	..	..	..	..	..	
	For one month ..	..	..	..	24	..	..	..	..	..	..	
	For 12 months from 1st March to 28th February 1885.				[illegible]							

V CIR

Statement of Proposition for continuance of

Orders sanctioning Present Establishments		Office to which proposition refers.	Nature o					
			Present Scale					
					Pay.			
Number.	Date.		Number.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.
G.O., No. 1264 W.	12th Nov. 1883.	South Arcot Irrigation Sub-Division.	..	....	..	..	..	..
..	..	Buckingham Canal Division.	..	....	..	..	..	..

4962

Chepauk,
24th March 1884.

CLB.

Temporary Establishment during 1884-85—*contd.*

Charge.						Proposal.						
Proposed Scale.						Permanent.		Temporary.				Remarks by Superintending Engineer.
Number.	Designation.	Pay: Minimum.	Pay: Increment.	Pay: Maximum.	Pay: Average per month.	Increase per month. Amount.	Decrease per month. Amount.	Increase per month. Period.	Increase per month. Amount.	Decrease per month. Period.	Decrease per month. Amount.	
1	Clerk 4th class, 3rd grade	25	..	25	25	..	..	..	..			The sub-division was temporarily sanctioned in G.O., No. 2331 W., dated 27th Nov. 1883 but for 1883-84 funds were [illegible] given in G.O., No. 741 W., dated 12th June 1883, for the [illegible] temporary sub-division. It is not known whether funds are provided in the budget for [illegible] therefore [illegible] entered in the statement under enquiry.
1	Messenger ..	6		6	6	..	..	..	..			
3	Lascars ..	6 each	..	6 each	18	..	..	..	..			
	Per mensem ..	..	..	..	49	..	..	..	..			
	For 12 months from 1st March 1884 to 28th February 1885.				588		..	year	588			
1	Storekeeper ..	..	..	..	40	..	..	..	..	..	..	The storekeeper is required to take charge of the tools, &c., in connection with the sub-division at the central station of the division, [illegible] miles off. The ferry [illegible] required for the road crossings. The charges have hitherto been debited to the maintenance grant for the road, but it is thought that they are more properly debitable to establishment.
	For 12 months from 1st March 1884, to 28th Feb. 1885.				480			1 year	480			
					1,068	..	..	..	1,068			
	Travelling allowance ..	..	..	..	300	..	..	..	300			
	Total ..	..	..	..	1,368	..	..	..	1,368			

(Signed) H. L. PRENDERGAST, Colonel, R.E.,
Superintending Engineer, V Circle.

Office note from the Examiner, Public Works Accounts, dated 16th April 1884, No. 81.
Do. do. Superintending Engineer, V Circle, „ 24th „ „ „ 323.

Order—dated 6th May 1884, No. 1135 W., Public Works.

The estimate, amounting to Rs. 5,198, for temporary establishment required in the V Circle during the official year 1884-85, is sanctioned against the budget provision under the same head of service.

2. The amount provided for travelling allowances has been reduced to Rs. 600, which, it is considered, should be a sufficient estimate.

3. This sanction has been registered as Provincial No. 8 W. of 1884-85, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
„ Chief Engineer for Irrigation.
„ Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 6th.

Recd. *Encl.*

G.O., 6th May 1884, No. 1135 W.

MAY.

Temporary Establishment

Estimate of Rs. 5,136, *for* — required in the V Circle during 1884-85, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from Lieutenant-Colonel F. MONTGOMERIE, R.E., Superintending Engineer, Tank Maintenance Scheme, to the Chief Engineer, Public Works Department, dated Chepauk, 29th April 1884, No. 701 T. :—

With reference to your memorandum, No. 213 C., dated 23rd instant, I have the honor to submit, for sanction, a revised estimate of establishment of the Tank Maintenance Scheme.

2. The head clerk, Mr. C. T. A. Baldrey, was, on his first appointment to my office, promised that he would be given the annual increments due to his appointment, and I think that it will not now be fair to withhold the promise.

Statement showing the proposed changes in the Establishment of Superintending Engineer, Tank Maintenance Scheme, Public Works Department, to accompany letter, No. 704 T., dated 25th April 1884.

Order sanctioning present establishment — Government or Department — No.	Date	Office to which the proposition refers	Present Scale — No.	Designation	Pay — Minimum	Increment	Maximum	Average or Fixed	Proposed Scale — No.	Designation	Pay — Minimum	Increment	Maximum	Average or Fixed	Permanent — Increase per Month — Amount	Decrease per Month — Amount	Temporary — Increase per Month — Period	Amount	Decrease per Month — Period	Amount
202 W.	8th June 1881	Office of the Superintending Engineer, Tank Maintenance Scheme	1	Clerk, II Class, 1st Grade.	..	..	..	100	1	Clerk, II Class, 1st Grade.	..	..	..	105	..	..	Months 12	5	..	..
				Other items shown in G.O., No. 882 W., of 1st April 1884.	..	..	..	6,223¾		Other items contained in G.O., No. 882 W., dated 1st April 1884.	..	..	..	8,664¼	..	..	..	2,888	..	..
				Total ...	..	..	..	6,323¾		Total ...	..	..	..	8,763¾	..	..	..	2,674	..	..
										Net increase per annum	..	..	..	..	..	..	..	32,088	..	..

(Signed) P. MONTGOMERIE, Lieut.-Col., R.E.,
Superintending Engineer, Tank Maintenance Scheme.

ORDER—dated 7th May 1884, No. 1146 W., Public Works.

The tabular statement submitted by the Superintending Engineer, Tank Maintenance, is approved, and will be substituted for that portion of the statement printed with Proceedings, No. 882 W., dated 1st April 1884, which relates to the head clerk on the Superintending Engineer's office establishment; the totals in the latter statement being altered accordingly.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Tank Maintenance Scheme.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1146 W.

MAY.

Establishment

The revised tabular statement submitted by the Superintending Engineer, shewing changes in the — of the Tank Maintenance Scheme, approved.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from the Deputy Secretary to the Government of India, Public Works Department (Account—General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 26th April 1884, No. 130 A.G.:—

I am directed to acknowledge the receipt of a copy of the Government of Madras despatch to the Secretary of State, No. 5/641 W., Public Works, dated 8th March 1884, and of the indent forwarded therewith for Hobbs' locks required for the magazines of the coast batteries at Madras.

2. With reference thereto, I am to state, for information and future guidance, that locks are also manufactured by the South Indian Press and Workshop, Madras.

ORDER—dated 7th May 1884, No. 1147 W., Public Works.

Recorded.

2. The fact that locks are manufactured by the South Indian Press and Workshop, Madras, was not overlooked on the occasion in question, but it was considered desirable to obtain from England the locks required for the magazines of the coast batteries at Madras, because articles of the requisite quality could not, as reported by the Superintending Engineer, V Circle, be obtained in India as economically as from England.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
„ General Superintendent, Public Works Stores.

GENERAL.
ACCOUNT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Pssd.*

G.O., 7th May 1884, No. 1147 W.

MAY.

Locks

Letter from the Government of India pointing out that the — required for the magazines of the coast batteries at Madras, could have been purchased locally, recorded with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Coimbatore, 2nd April 1884, No. 91 M.:—

I have the honor to forward, for your countersignature and submission to Government for sanction, a site plan and estimate, amounting to Rs. 3,240, for constructing a sub-registrar's office at Vittal in South Canara district.

2. A report and a duplicate abstract estimate are also sent herewith.

No. 256.

Submitted for the sanction of Government.

OOTACAMUND,
7th April 1884.

(Signed) O. HAMNETT,
Inspector-General of Registration.

No. 998, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
21st April 1884.

(Signed) R. F. WEBSTER,
Chief Secretary.

ORDER—dated 7th May 1884, No. 1148 W., Public Works.

The estimate, amounting to Rs. 3,240, for constructing a sub-registrar's office at Vittal, in the South Canara district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 19 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with four enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1148 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 3,240 for constructing a — at Vittal, in the South Canara district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Captain C. C. RAWSON, R.E., Executive Engineer, in charge I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 16th April 1884, No. 20 V.Z.:—

The construction of the travellers' bungalow with out-houses at Salur, in the Vizagapatam district, has been sanctioned in G.O., No. 65 W., of the 9th January 1883, for Rs. 4,520; and in carrying out the work, the Executive Engineer, Vizagapatam division, has found the deviations shown in the enclosed statement indispensable, which deviations, the statement shows, result in a net excess of Rs. 445-12-7 over the original estimate.

2. I forward the statement for your approval because the excess therein shown is beyond my powers of sanction, vide paragraph 278 (c) of the Public Works Code.

Order—dated 7th May 1884, No. 1149 W., Public Works.

The revised estimate, amounting to Rs. 4,964, for constructing a travellers' bungalow with out-houses at Salur, in the Vizagapatam district, is sanctioned, in supersession of that referred to in G.O., No. 65 W., of the 9th January 1883.

2. This sanction has been registered as Provincial No. 20 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with one enclosure.
" Examiner, Public Works Accounts.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May 7th.

Read. *Read.*

G.O., 7th May 1884, No. 1149 W.

MAY.

Travellers' Bungalow

Revised estimate for constructing a — with out-houses at Salur, in the Vizagapatam district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepák, 23rd April 1884, No. 106:—

I have the honor to submit, for approval and sanction, a revised estimate, amounting to Rs. 10,248, for erecting a memorial to the late Right Honorable W. P. Adam. The original estimate, sanctioned in G.O., No. 2548 W., dated 28th September 1882, amounted to Rs. 6,644; the difference (in excess), Rs. 3,604, is explained in the comparative statement of the revised estimate. It was almost impossible to correctly estimate for such a novel kind of work, prepared here, carried miles away to the top of a mountain and there erected. The original estimate was only framed to enable the Examiner to pass the outlay on the work; and when framed it was anticipated that the cost of the work in question would come up to Rs. 10,000. Funds were accordingly provided (vide G.O., No. 1424 W., dated 14th June 1882, copy appended). A statement showing the expenditure incurred in Madras and at Ootacamund on account of the work is also herewith appended.

2. The delay in the submission of this revised estimate has been caused by the double expenditure, both here and at Ootacamund, the collection of which under one account has been difficult.

Order—dated 7th May 1884, No. 1150 W., Public Works.

The revised estimate, amounting to Rs. 10,248, for erecting a memorial to the late Right Honorable W. P. Adam, at Ootacamund, is sanctioned.

2. The excess of Rs. 3,604 over the original estimate of Rs. 6,644, sanctioned in G.O., No. 2548 W., dated 28th September 1882, is explained in the Consulting Architect's letter above recorded.

3. This sanction has been registered as Provincial No. 21 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with four enclosures.
" Examiner, Public Works Accounts, with abstract estimate.
" Superintending Engineer, IV Circle.
" Public Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1150 W.

MAY.

The late Right Honorable
W. P. Adam

Revised estimate of Rs. 10,242, *for erecting a memorial to* — at Ootacamund, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel T. E. TENNANT, Inspector-General of Jails, to the Secretary to Government, Public Works Department, dated Ootacamund, 8th April 1884, No. 99:—

With reference to Public Works order, dated 6th December 1883, No. 3201 W., I have the honor to forward the accompanying letter* from the Superintending Engineer, IV Circle, submitting plans and estimates, amounting to Rs. 2,770, for constructing three condemned cells at the Mangalore jail.

* No. 83 M., dated 5th March 1884.

2. The plans and estimates have been duly countersigned, and I request you will obtain the necessary sanction of Government and cause funds to be allotted for the work.

Order—dated 7th May 1884, No. 1152 W., Public Works.

The estimate, amounting to Rs. 2,770, for constructing three cells for condemned prisoners at the district jail at Mangalore, South Canara district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 22 W. of 1884-85 and classified as Civil Buildings, Original Works.

3. The attention of the Inspector-General of Jails will be drawn, in the Judicial Department, to G.O., No. 453 W., dated 21st February 1884, prescribing the procedure to be followed in the submission of plans and estimates for buildings required by the jail department.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with four enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1152 W.

MAY.

District Jail at Mangalore

Estimate of Rs. 2,770 for constructing three cells for condemned prisoners at the —, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 5th April 1884, No. 37.

I have the honor to state that on the receipt of G.O., No. 451 W., dated 21st February 1884, sanctioning the purchase of additional land on which to erect stables for the officials of the postal and telegraph departments, I requested the Deputy Collector to take the necessary steps for acquiring the same, that officer having previously stated that it could be acquired for Rs. 3,000. I herewith forward his reply, from which it will be seen that the acquisition of the land will involve an expenditure of Rs. 3,610, instead of Rs. 3,000 as originally estimated.

2. I, on receipt of the Deputy Collector's letter, addressed the Collector, and enclose his reply, in which he states that the land is worth more than Rs. 3,000.

3. The acquisition of the land (on which to construct stables for the post and telegraph offices or any other Government building) is a matter of urgent necessity, as hardly any land is available in that part of Madras for Government purposes, and the post and telegraph offices will have to be provided with stables built on this or on some other site.

4. I have therefore the honor to solicit early orders may be given me on the subject.

ENCLOSURES.

From M.R.Ry. P. RAGOONATHA ROW, Dewan Bahadur, Deputy Collector of Madras, to the Officiating Consulting Architect to Government, dated 18th January 1884, No. 54.

In reply to your letter of the [illegible], No. 1145, I have the honor to inform you that the properties therein named will not cost more than a sum between Rs. 2,800 and 3,000.

From M.R.Ry. P. RAGOONATHA ROW, Dewan Bahadur, Deputy Collector of Madras, to the Officiating Consulting Architect to Government, dated 3rd March 1884, No. 265.

With reference to your letter, dated 29th February 1884, No. [illegible], and its enclosure, I have the honor to inform you that owing to unforeseen contingencies, such as the existence of mosses, the properties required by you in Moor Street, Kachhal Pettah, in connection with the new Government telegraph office cannot be acquired except under the provisions of the Land Acquisition Act X of 1870. This change in the procedure, together with some error of calculation in the first estimate, will involve an additional expenditure of Rs. 610 by way of compensation, &c., for the possible nature of the acquisition, over and above the Rs. 3,000 already sanctioned; and will take some time before the properties could be handed over to you. A notification in duplicate, is therefore forwarded, which may be published in the Government gazette with the sanction of Government.

2. If, however, you forward to me the Rs. 3,000 now available immediately, and arrange to forward the balance, Rs. 610, as soon as practicable, I shall try to put you in possession of all the three properties in a short time from the date of the publication of the notice.

3. The two tracings forwarded with your letter under reply are herewith returned.

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Collector of Madras, dated Chepauk, 13th March 1884, No. 1634.

With reference to Public Works G.O., No. 431 W., dated 21st February 1884 (paragraph 2), I have the honor to request your aid in helping me to acquire for Government the plot of land referred to for a sum not exceeding Rs. 3,000.

2. Two letters from the Deputy Collector are forwarded, for your information, together with two tracings, all of which please return at your convenience.

From C. D. MACLEANE, Esq., Acting Collector of Madras, to the Officiating Consulting Architect to Government, dated 3rd April 1884, No. 320.

With reference to your letter, No. 1634, dated the 13th March 1884, I have the honor to inform you that I regret I cannot help you, as the land referred to is worth really more than the sum of Rs. 3,000.

2. The enclosures to your letter under reply are returned.

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 23rd April 1884, No. 102.

With reference to paragraph 1 of your memorandum, No. 17 E., dated 17th April 1884, I have the honor to resubmit the tracings referred to.

2. According to the draft notification sent by the Deputy Collector, which is also enclosed, the area of the whole land, consisting of three separate properties, is one ground and 1225½ square feet.

ORDER—dated 7th May 1884, No. 1153 W., Public Works.

The land referred to will be taken up under the Land Acquisition Act, as recommended by the Deputy Collector of Madras in his letter to the Consulting Architect to Government, No. 262, dated 8th March 1884.

2. The Collector will take order for the acquisition of the land in accordance with the provisions of Act X of 1870, the requisite notification being published in the *Fort St. George Gazette*.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with two tracings.
" Public Department.
" Revenue "
" Superintendent, Government Press, with notification.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 7th.

Read. *Read.*

G.O., 7th May 1884, No. 1153 W.

MAY.

Land

Ordering the requisition of the — required for constructing coach-house and stables for the Postmaster-General and the Postmaster of Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—again the following papers:—

From the Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Public Works Department, dated 14th March 1884, No. 664 W.

I am directed to invite the consideration of the Government of India to the difficulty experienced in finding competent temporary Executive Engineers for three of the authorized temporary posts which have not as yet been filled.

2. It is essential that fully qualified officers, experienced in the irrigation and acquainted with the vernacular of Southern India, should be posted to these important charges; and as suitable engineers have not been found for the same, I am to urge that sanction be accorded to this Government to nominate to these three temporary posts, selected Assistant Engineers of the permanent establishment, with temporary rank as Executive Engineers, 4th grade.

From the Secretary to the Government of Madras, Public Works Department, to the Secretary to the Government of India, Public Works Department, dated 3rd April 1884, No. 917 W.

Adverting to paragraph 2 of your letter, No. 618 G., dated 19th March 1884, I am directed to forward, herewith, a statement showing the temporary divisions which have been constituted in this Presidency; proposals regarding which have, from time to time, been laid before the Government of India as will be seen on reference to the correspondence quoted in the margin. The names of the temporary officers, with rates of pay specially sanctioned by the Government of India, for carrying on the work of these divisions, are also included.

Letter to the Government of India, No. 3258 W., dated 4th October 1882.
Letter to the Government of India, No. 1152 W., dated 16th April 1883.
Letter to the Government of India, No. 2576 W., dated 24th September 1883.
Letter to the Government of India, No. 12 I., dated 7th January 1884.

2. His Excellency the Governor in Council does not understand that it is the intention of the Government of India to insist on the employment of these officers in any particular division; but that the work to be done shall be entrusted to officers most competent to carry it on, whether these officers are on the temporary or permanent establishment. Any other arrangement would, His Excellency the Governor in Council is convinced, be productive of the greatest inconvenience; especially when, as at present, it is not always possible to obtain temporary engineers with the special qualifications requisite for elaborating important projects.

3. The temporary divisions have thus, in great measure, been officered by selection from the permanent establishment, the temporary engineers specially sanctioned replacing them in permanent divisions. The allocation of temporary engineers in

the accompanying statement is made with a view of exhibiting what may be regarded as the sanctioned, as compared with the existing arrangements; column 5 showing the division in which each officer is actually employed.

4. Should these arrangements be formally approved, a basis for future working will have been established sufficient to satisfy the requirements of audit; while the Government will be free to officer the temporary divisions by those best qualified for the duties to be performed in each case.

5. I am to request the early sanction of the Government of India to these proposals.

6. Application for formal sanction to fill up the appointments still open will be made as soon as suitable officers can be found.

Enclosure.

Temporary Engineer Establishment.

Temporary Division.		Name of officer sanctioned by the Government of India.	Salary.	Reference to Sanction.	Present Posting.	Remarks.
1		2	3	4	5	6
	RS.		RS. A. P.			
Godavari Central	1 E.E., 911	Mr. H. Willis..	821 0 1	Letter, No. 1395 G., dated 27th October 1883; G.O., No. 3209 W., dated 11th November 1883.	Nagapalam division.	Permanent division.
Do.	1 A.E., 320	" A. [illegible] ..	432 0 1	Letter, No. 673 G., dated 2nd April 1883; G.O., No. 1013 W., dated 5th May 1883.	West Godavari.	Do.
[illegible]	1 X.X., 476	" J. Trinch ..	476 0 0	Letter, No. 1358 G., dated 13th December 1883; G.O., No. 3688 W., dated 31st December 1883.	C. Project ..	Do.
Do.	1 A.E., 460	" W. Mathews	432 0 1	Letter, No. 59 G., dated 9th January 1884; G.O., No. 32 W., dated 14th January 1884.	Rest [illegible]	Do.
Do.	1 A.E., 360	" A. Fagan.	432 1 0	Letter, No. 890 G., dated 7th May 1883; G.O., No. 1476 W., dated 19th May 1883.	B. Project.	Do.
[illegible]	1 E.E., 651	....	....	....	....	....
Do.	1 A.E., 451	" [illegible]	450 0 0	Letter, No. 1121 G., dated 30th October 1883; G.O., No. 3??? W., dated 11th November 1883.	[illegible]	Temporary division.
Extra	1 E.E., 550	....	....	....	....	....
Quarries and Ven-ous Regulations	1 E.E., 550	....	....	....	....	....
Tank No. 1	1 X.X., 650	" R. Walker.	772 14 8	Letter, No. 888 G., dated 3rd March 1884; G.O., No. 613 W., dated 13th March 1884.	No. 1 Tank.	Temporary division.
Do.	1 A.E., 451	" T. LeBlanc.	500 0 0	G.O., No. 613 W., dated 13th March 1884.	Do.	Do.
Tank No. 2	1 E.E., 651	....	....	....	....	....
Do.	1 A.E., 460	....	....	....	....	....

Read—also the following:—

Telegram from the Secretary to the Government of India, Public Works Department, Simla, to the Secretary to Government of Madras, Public Works Department, dated 2nd May 1884.

Your No. 654 W., dated 10th March 1884. Proposal to nominate three selected Assistant Engineers of permanent establishments for three of the authorised temporary

posts, which have not as yet been filled, with temporary rank of Executive Engineers, 4th grade, sanctioned for one year; proposals in paragraphs 2 and 3 of letter, No. 917 W., dated 3rd April 1884, also approved.

Order—dated 7th May 1884, No. 1165 W., Public Works.

Recorded.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1155 W.

MAY.

Temporary Executive Engineerships

Telegram from the Government of India, sanctioning the proposal to fill up three of the authorized— by selections from the Assistant Engineers of the permanent establishment, and approving of the policy of this Government in the employment of temporary officers on the work they are best suited for, whether in the temporary or the permanent divisions, without seeing to their employment in any particular division or on any particular work, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 21st April 1884, No. 95:—

In reference to your office note, No. 625 D., dated 28th March 1884, I have the honor to submit a design and estimate for erecting a bridge across the Madras junction canal at an approved place near the Senate House.

1 Detailed estimate.
1 Duplicate abstract.
1 Tracing.
1 File of papers.

2. The estimate amounts to Rs. 29,456, but by omitting for the present the lamp standards, pierced parapet and coat of arms, and by stopping the traffic in that part of the canal during the construction of the bridge, instead of temporarily diverting the channel, only Rs. 26,316 would be required.

3. The bridge is proposed to be of brick faced with cut-stone, the parapets being wholly of cut-stone. It is more costly than the iron bridge before designed, because it has been thought necessary to have a bed of concrete for the foundations of 3 feet in thickness instead of only one foot, which latter is considered insufficient, and it provides two foot-paths in addition to the roadway which the other did not. From the nature of its construction it is a more permanent structure.

4. The papers accompanying your office note are returned.

From the Consulting Architect to Government, dated 29th April 1884, No. 115.

ORDER—dated 7th May 1884, No. 1160 W., Public Works.

The estimate, amounting to Rs. 29,456, for constructing a bridge over the junction canal near the Senate House at Madras, is sanctioned for execution by the Consulting Architect.

2. The work should be put in hand at once from the provision made in the final issue of the Provincial Budget.

3. This sanction has been registered as Provincial No. 20 W. of 1884-85 and classified as Communications, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with seven enclosures.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Public Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd. *Encl.*

G.O., 7th May 1884, No. 1160 W.

MAY.

Bridge

Estimate of Rs. 23,455 for constructing a — over the junction canal near the Senate House at Madras, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Masulipatam, 22nd April 1884, No. 68 S.G. :—

Referring to your memorandum, No. 11 G., of the 19th March, calling for copies of plans, &c., connected with the Kistna, Pennér and Sangam systems, I have the honor to report that the Executive Engineer, Sangam Project division, informs me that, in order to prepare copies of the plans called for, he requires the services of an extra draftsman for two months.

2. I beg to enclose an estimate for a draftsman, and request you will be good enough to obtain sanction for the same.

No. 41 E.W.

Endorsement on the above.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that the extra draftsman applied for may be sanctioned.

Ootacamund,
3rd May 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

Order—dated 8th May 1884, No. 1161 W., Public Works.

The entertainment of a temporary draftsman on Rs. 50 per mensem, for two months, is sanctioned as proposed.

2. The cost will be charged against the budget provision for temporary establishment.

3. This sanction has been registered as Provincial No. 9 W. of 1884-85, and classified as "Establishment, Temporary."

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 8th.

Recd. *Encl.*

G.O., 8th May 1884, No. 1161 W.

MAY.

Sangam Project Division

The entertainment of a temporary draftsman for two months, on Rs. 60 per mensem, in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepák, 28th April 1884, No. 386:—

I have the honor to submit, for sanction, an estimate of Rs. 678 for alterations required in the Government Press office at Fort St. George.

2. The estimate provides for converting the present stationery room into a private press room; and turning another room into a stationery room, which is to be furnished with the necessary shelves.

Order—dated 8th May 1884, No. 1166 W., Public Works.

The estimate, amounting to Rs. 675, for alterations in the Government Press office in Fort St. George, is sanctioned against the minor works grant to the Presidency division.

2. This sanction is registered as Provincial No. 24 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with six enclosures.
" Examiner, Public Works Accounts.
" Public Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 8th.

Rect. *Encl.*

G.O., 8th May 1884, No. 1166-W.

MAY.

Government Press Office,
Fort St. George

Estimate of Rs. 678 for alterations in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From the Superintending Engineer, VI Circle, dated 8th November 1883, No. 1556 T.

Memorandum by the Chief Engineer, Public Works Department, dated 14th November 1883, No. 2205 C.

Forwarded, through the Board of Revenue, to the Local Fund Board in view to the approval and countersignature of the District Surgeon being obtained to the plan and estimate. Return requested.

Proceedings of the Board of Revenue, dated 23rd April 1884, Mis. No. 2386.

Read—the following letter from J. H. PENNINGTON, Esq., President, Local Fund Boards, Tanjore, to the Secretary to the Board of Revenue, dated Kumbakonam, 17th March 1884, No. 162:—

With reference to Board's Proceedings, No. 9810, dated 23rd November last, I have the honor to re-transmit the plan and estimates duly countersigned by the District Surgeon, Tanjore, and his explanation thereon together with copy of Local Fund Board's resolution approving the original plan and estimate.

Resolution—dated 23rd April 1884, Mis. No. 2386.

Submitted to Government with reference to endorsement, dated 14th November 1883, No. 2205 C.

(True Copy and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

Note by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government.

2. It is suggested that the attention of the Local Fund Board be drawn to the following points:—

(1) The headway below summers of verandah would appear to be insufficient for a building of this class.

(2) Roof ventilation to the wards and operating room will probably be desirable. Ornamental circular louvred openings in the gables would afford the necessary percolation of air under roof.

3. The sections of breastsummers and hip rafters are excessive. The former may be cut down to 5" × 7", the latter to 3" × 6".

4. For the latrines and bath-rooms, floorings of asphalte, or simply of tar and sand, would be better than the concrete floors provided.

6. There is no provision for painting the wood-work and for tarring the palmyra couples. The addition of these items would appear to be necessary.

ORDER—dated 8th May 1884, No. 1167 W., Public Works.

The estimate, amounting to Rs. 6,900, for constructing a dispensary at Tiruválúr, in the Tanjore District, is sanctioned.

2. The attention of the Local Fund Board should be called to the suggestions in the Chief Engineer's note above recorded.

3. This sanction has been registered as Local No. 8 W. of 1884-85.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with three enclosures.
" Superintending Engineer, VI Circle.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of |1884| Madras.

PUBLIC WORKS.

Dated May, 8th.

Recd. *Encl.*

G.O., 8th May 1884, No. 1167 W.

MAY.

Dispensary

Estimate of Rs. 8,[illegible] for constructing a — at Tiruválúr, in the Tanjore District, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 26th April 1884, No. 127 :—

I have the honor to solicit sanction of Government to the formation of an additional sub-division to this division with effect from the date of Mr. Ottoman's joining this office.

2. In Public Works G.O., No. 302 W., dated 29th January 1883, the formation of a special temporary sub-division was sanctioned by Government, and Mr. Stephens, Honorary Assistant Engineer, was appointed to its charge (*vide* Public Works No. 207 C., dated 29th January 1883). The present incomplete stage of the works under the charge of Mr. Stephens does not admit of his being detached from them. The additional work thrown upon this division, in consequence of the transfer of the works named in the margin, now necessitates my applying for an additional sub-division, and I trust that, in the circumstances explained, Government will accord sanction to my proposal.

Chepauk Park and several works in connection with its improvements. The bridge across the Buckingham Canal.

Order—dated 9th May 1884, No. 1165 W., Public Works.

The formation of a second sub-division in the Consulting Architect's charge is sanctioned.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 8th.

Recd. *Encl.*

G.O., 8th May 1884, No. 1168 W.

MAY.

Consulting Architect's Division

The formation of a second sub-division in the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

G.O., dated 2nd May 1884, No. 585, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 8th April 1884, Mis. No. 3059.

Read—the following letter from G. A. GALTON, Esq., Acting Collector of Malabar, to the Secretary to the Board of Revenue, dated Calicut, 4th April 1884, No. 1655.

I have the honor to report, for the information of the Board and Government, that the main building of my office has been pronounced unsafe, and that I have been obliged to move the establishment into the Government College close by, which is fortunately available for the next six weeks during the holidays. For some time past there have been signs of decay in several of the beams supporting the upper story, and some of them have had to be propped up as a temporary measure; a more thorough examination now discloses the fact that the whole building is in a very insecure state, and the sub-divisional officer, who inspected it, informs me that the roof may fall in at any moment. I have telegraphed to the Executive Engineer, Cannanore, to come and examine the building, and in due course I will submit his opinion as to what is required. It will probably be necessary to reconstruct the building which requires enlargement for the accommodation of the establishment, and there is little prospect of its being ready for re-occupation for months to come. The Government College will be available for the next six weeks only, when another move will be necessary; temporary accommodation can, I think, be provided, either in a block of buildings belonging to the municipality where their office is held, or in the house recently purchased by Government for conversion into a District Court. I will report further on this point when I have inspected both buildings and seen the Executive Engineer; meanwhile I request that orders may be issued for the preparation of plans and estimates with the least possible delay, as the temporary arrangements which must be made will entail very great inconvenience. The currency office, press and records, which are in separate blocks, will remain where they are, whilst the rest of the establishment including the account branch of the office will be located half a mile away. The plan which would entail least inconvenience would be to allow my office to remain in the Government College, which is a stone's throw from the cutcherry and within easy reach of the currency office and record-room, and to assign one of the other buildings mentioned above to the College.

Read—the following letter from J. NICHOLSON, Esq., Sub-Divisional Officer, to the Collector of Malabar, dated Calicut, 4th April 1884, No. 11.

I beg to report that, as personally requested by you, I have inspected the centre main building of the Huzur cutcherry, and give the results below.

On the first floor, the large centre room seems all right, but the outer walls of the verandah rooms are weak and insecure at some places.

On the second floor, a number of the floor joists and the wall plates on which they rest are decayed where the woodwork enter the wall, so that I consider the north end verandah room unsafe for occupation, as these rotten joists may fall down any day. Again, on pulling down the parapet at the north end, I find that the bottom part of the verandah pillar posts supporting a heavy roof are decayed and unfit to support the heavy weight above, and it is probable that if the other two exposed sides were examined, the verandah posts would be found in the same condition. On examining the roof over this building I find the timber frame work to be in a very unsafe state, many of the principal supports have by whiteants and rot become so, that one could crush the beam with the hand; two or three of the struts have fallen down from the decay of the said part; altogether I have not seen a roof so unsafe and I felt relieved when I reached the floor below; the slightest touch might knock over one of these decayed posts on which the roof rests; a number of the ceiling joists also is rotten.

I think the whole of the building unsafe for occupation with the roof as it is.

No. 1679.

Endorsement on the above.

Submitted to the Board of Revenue in continuation of this office letter, dated 4th instant, No. 1655.

(Signed) C. A. GALTON,
Acting Collector.

CALICUT,
8th April 1884.

Resolution—dated 8th April 1884, Mis. No. 3660.

Submitted to Government with the request that the necessary orders may be issued in the Public Works Department for the preparation of estimates for the repairs required.

2. As regards temporary accommodation, the Board suggest that the Director of Public Instruction be consulted regarding the proposal to locate the College in another building as a temporary arrangement.

(True Extract.)

(Signed) E. GIBSON,
Secretary.

Read—the following Proceedings of the Board of Revenue, dated 24th April 1884, Mis. No. 3418.

Read—endorsement of the Acting Collector of Malabar, dated 8th April 1884, No. 1679, on letter from the Sub-divisional Officer, dated 4th April 1884, No. 11.

Read—also the following letter from C. A. GALTON, Esq., Acting Collector of Malabar, to the Secretary to the Board of Revenue, Madras, dated Calicut, 17th April 1884, No. 1800.

In continuation of my letter, dated 4th instant, No. 1655, I have the honor to submit copy of the Executive Engineer's report on the Huzur cutcherry. I inspected the building with Mr. Davidson, and he considers that the roof is in a very dangerous state, and that the whole of the upper story of the main building must be rebuilt, or an entirely new office constructed. I am decidedly in favor of the latter alternative. The present building is badly planned, and does not afford the accommodation required.

I enclose a ground plan of the building; the upper floor is the Collector's office room. On the ground floor accommodation has to be provided for the departments marginally noted. The space is insufficient for this establishment, and the court-room is so situated that the hearing of cases is a distraction to the Treasury Deputy Collector and clerks in the neighbouring rooms. The press department and records are located in a separate building on the west, and the treasury and currency department in another detached building on the east. These buildings answer their purpose well enough, but I would suggest that the main building be reconstructed altogether on a more convenient plan, and that advantage be taken of the opportunity to provide room for the District Forest officer and his establishment (4) and for the Local Fund Engineer and his staff (9). It would facilitate the transaction of business if these officers were under the same roof with the Collector, instead of being in rented buildings at some distance. The cost of providing office room for the Local Fund Engineer should be debited to Local funds.

1. Sheristadar and Vernacular correspondence department including 1 Island clerk and 2 estate clerks	16
2. English correspondence department, including translator and English Record-keeper	11
3. Account Branch	24
4. Sea Customs department	9
5. Local Fund department	5

2. As regards temporary arrangements for accommodating the establishment, the Government College into which it has been removed is the only building which is suitable for the purpose. It is close to the currency office, bank, records and press, whereas the only other buildings which would afford sufficient accommodation are situated more than half a mile away. The house recently purchased for a new court is not available for any length of time; it would have to be vacated again as soon as the monsoon is over to enable the Public Works Department to commence the alterations which are necessary to render it fit for a court-house. The only other building which is large enough is the block of buildings in which the municipal office is. This would serve very well I think as temporary quarters for the Government College, whereas its distance from the bank, records, and currency office is a great objection to its utilisation as the Collector's office, and will be a serious inconvenience to the public (who have to obtain challans at the Collector's office before they can make payments into the bank) and to the Collector and treasury deputy who have frequently to attend the currency office.

3. On the other hand the municipal buildings will afford sufficient accommodation for the Government College as shown by the plans which I enclose. The buildings are substantial tiled structures, and though the rooms are somewhat low, they are airy, the situation being close to the sea. The head master, Mr. Seance, lives close by, and it will be no great drawback to the students to have to walk a little further. The Deputy Inspector of Schools has marked off on the plan of the College the present arrangement of the various classes, and has shown how they can be accommodated in the municipal buildings. The only alterations necessary will be to open one or two doors of communication between the rooms, to construct a latrine and to move the gymnasium or construct a temporary shed for the purpose. There is an open space between the two blocks which will serve for a play ground and gymnasium. The Commissioners now let these rooms at a rental of Rs. 3 each, and I think the whole block might be secured for Rs. 50 a-month.

4. I request that orders may be obtained at once as the College will re-open early in June, and that if my proposals are approved, the Public Works Department may be directed to carry out the necessary alterations at once in communication with the officers of the educational department.

ENCLOSURE.

From J. P. DAVIDSON, Esq., Executive Engineer, to the Collector of Malabar, dated Coimbatore, 10th April 1884, No. 846.

I have this morning, the 9th instant, carefully inspected Hurur cutcherry, and consider the building unsafe, and Mr. Nicholson perfectly justified in advising you to vacate it. I understand

that there was some idea of your utilizing the buildings lately purchased from Messrs. Simpson and Company as temporary; this course I think inadvisable, as at the best you could only have the building for a limited period, whereas the repairs of and extensions to the existing cutcherry, or construction of a new cutcherry, whichever may be sanctioned, would take at least one year.

2. I am at present engaged in carrying out extensions and improvements to the Collector's cutcherry, South Canara, and it has occurred to me that extra accommodation on very much the same scale would be required by you. I am of opinion that the lower portion of the existing building is sound, and that if the roof be removed and a properly designed roof, the present one is the usual Madras truss, put on, this building might be made suitable for the accommodation of yourself and your own immediate office.

3. I will, however, send you a plan of what I would propose adding extra accommodation more or less in accordance with that allowed at South Canara, and if, meanwhile, you would supply me with information as to the various departments to be accommodated and the number requiring accommodation, I will also have a plan of an entirely new building prepared.

Resolution—dated 26th April 1884, Mis. No. 3116.

Submitted to Government in continuation of Board's Proceedings, dated 9th April 1884, Mis. No. 2066.

(True Extract.)

(Signed) E. GIBSON,
Secretary.

Order—dated 2nd May 1884, No. 385, *Revenue.*

The foregoing proceedings will be communicated to the Public Works Department with the request that orders may issue for the preparation of plans and estimates with as little delay as possible for the construction of an entirely new building for the Collector's cutcherry, and also for reconstruction of the upper story and roof of the existing building with any extensions which may be required and practicable. The Collector will intimate to the Executive Engineer all his requirements with respect to the accommodation to be provided. On receipt of these plans and estimates the Government will decide what course should be adopted.

2. The proposal that the Government College be made available for the Collector's office until the new building is completed, and that the block of buildings belonging to the municipality specified in the plan accompanying the Collector's letter be utilized in the meantime for the College, will be referred to the Educational and Municipal Departments for early consideration and necessary orders. If the arrangements proposed are agreed to by the authorities concerned, intimation of the fact will be given to the Public Works Department in view to the block of buildings last mentioned being fitted up for the purposes of the College before the expiry of its present vacation.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

Order—dated 8th May 1884, No. [illegible], Public Works.

Communicated to the Superintending Engineer, IV Circle, who will cause the requisite plans and estimates to be prepared with as little delay as possible.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 8th.

Read. *Read.*

G.O., 8th May 1884, No. $\frac{1168\text{ W.}}{\text{A}}$

MAY.

Collector's Cutcherry, Malabar

Ordering the preparation of plans and estimates for constructing a new building for the —, and for reconstructing the upper story and roof of the existing one.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from J. P. DAVIDSON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, IV Circle, dated Coimbatore, 17th April 1884, No. 802:—

With reference to your No. 45 C.I., of 1st February 1884, I have the honor to report that charge of the building at Kadirur has been taken and, as the building is not required either by the Judicial or Revenue Department, orders of Government may be obtained for its sale by public auction.

No. 208 E.W.

Endorsement on the above.

Forwarded to the Chief Engineer, Public Works Department, with reference to G.O., No. 324 W., dated 24th January 1884, with a request that orders of Government may be obtained for the sale of the building by public auction.

(Signed) J. BEATTY, C.I., R.E.,
Superintending Engineer, IV Circle.

Coimbatore,
29th April 1884.

Order—dated 9th May 1884, No. 1178 W., Public Works.

The sale of the building is sanctioned.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts
" Judicial Department.

GENERAL.
ACCOUNT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 8th.

Recd. *Encl.*

G.O., 9th May 1884, No. 1178 W.

MAY.

Building at Kadirur

Sanctioning the proposed sale of the — in the Malabar District, lately occupied by the Chavacherry Munsif's Court.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Salem, 21st April 1884, No. 197 E.W. —

I have the honor to submit, herewith, an estimate of Rs. 9,303 with report and specification for the proposed new bridge on the Coonoor road, near Charing Cross. This estimate was called for in your memorandums, Nos. 501 E. and 2209 C., of 31st October and 19th November 1883.

2. The bridge is to have a water-way of 15 feet, similar to that of the existing one; and the level of the road-way over it is to be 3 feet higher than that of the present road. It will be built alongside the old bridge to avoid interrupting the traffic; and the Collector on being consulted approved the width of roadway, 21 feet, which was proposed by this department. Being built on the up-stream side of the old bridge, it will not be necessary to purchase any land for this improvement.

Order—dated 9th May 1884, No. $\frac{1181 W.}{2}$ Public Works.

The estimate, amounting to Rs. 9,303, for constructing a bridge on the Coonoor road, over the main stream near Charing Cross, at Ootacamund, is sanctioned for immediate execution.

2. An allotment of funds for the work will be made hereafter.

3. This sanction has been registered as Provincial No. 28 W. of 1884-85, and classified as Communications, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with four enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Financial Department.
" Revenue "

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras.

PUBLIC WORKS.

Dated May, 2th.

Recd. *Encl.*

G.O., 9th May 1884, No. $\frac{1183 \text{ W.}}{\text{A}}$

MAY.

Bridge

Estimate of Rs. 9,300 for constructing a — on the Coonoor road, over the main stream near Charing Cross, at Ootacamund, sanctioned for immediate execution.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads
Civil Works.

Read—the following paper:—

Office note from the Examiner, Public Works Accounts, dated 1st May 1884, No. 68.

Order—dated 16th May 1884, No. 1186 W., Public Works.

The provision of Rs. 4,620 in the Provincial budget estimate for 1884-85, under item No. 63, is distributed between the two estimates sanctioned in G.O., No. 834 W., of the 5th April 1884, as shown below:—

	RS.
I. Improvements to the jail superintendent's residence at Rajahmundry	4,000
II. Constructing a police guard-room at the district jail at Rajahmundry	620

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 10th.

Recd. *Exd.*

G.O., 10th May 1884, No. 1186 W.

MAY.

Central and District Jails at Rajahmundry

Distributing between the two works the lump sum provision of Rs. 4,520 made in the Provincial budget for 1884-85 for improvements to the residence of the superintendent of the former and for constructing a police guard-room at the latter.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT

Buildings and Roads.
Military Works.

Read—the following papers:—

No. 6 T.C.

Report by the Superintending Engineer, VI Circle, on the estimate for constructing bells of arms and quarter-guard combined for the 30th Regiment, Native Infantry, at Trichinopoly, Rs. 10,315.

In G.O., No. 3128 W., of 6th November 1883, an estimate amounting to Rs. 8,450, for this work was sanctioned and the work is in progress. But in paragraph 4 of the G.O. under reference, it is ordered that verandahs to bells of arms should be provided; a supplemental estimate, amounting to Rs. 1,565, is therefore now submitted for sanction through the Military Department, *vide* G.O., No. 183 W., of 21st February 1884.

2. The standard plan having been designed without verandahs, simple brick pillars with openings of 13½ feet seem most adapted, and the shelter of verandahs on three faces as shown in the plan is considered sufficient.

3. The estimate is recommended for sanction.

Kodaikanal,
6th April 1884.

(Signed) H. R. MEAD, Lieut.-Colonel, R.E.,
Superintending Engineer, VI Circle.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 23rd April 1884, No. 3084.

With reference to paragraph 4 of G.O.,* No. 3128 W., dated 6th November 1883, Public Works, I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the plan and estimate below mentioned which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned.

* M.D. No. 6126, dated 13th November 1883.

1. Revised plan and estimate, amounting to Rs. 10,815 for providing verandahs to bells of arms combined with quarter-guard for the 30th Regiment, Native Infantry, at Trichinopoly.
2. An explanatory report from the Superintending Engineer, VI Circle, accompanies.

No. 1941, Military.

Approved and transferred to the Public Works Department for issue of the necessary orders.

(By Order.)

Ootacamund,
24th April 1884.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

ORDER—dated 10th May 1884, No. 1187 W., Public Works.

The supplemental estimate for providing verandahs to the bells of arms for the 30th Regiment, Native Infantry, at Trichinopoly, is sanctioned. The total amount of the estimate for the buildings referred to in G.O., No. 3128 W., dated 6th November 1883, will now stand at Rs. 14,215.

2. A sum of Rs. 4,500 has been provided for the work in the Imperial Military Works Budget for 1884-85.

3. This sanction has been registered as Imperial Ordinary No. 6 W. of 1884-85 and classified as Military, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with four enclosures.
,, Examiner, Public Works Accounts, with abstract estimate.
,, Military Department.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 10th.

Read. *Read.*

G.O., 10th May 1884, No. 1187 W.

MAY.

Bells of Arms

The supplemental estimate for providing verandahs to the — for the 30th Regiment, Native Infantry, at Trichinopoly, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Examiner of Public Works Accounts, dated Chepauk, 5th April 1884, No. 120.

In reply to your letter, No. 630 S.E.-V, of the 29th ultimo, I have the honor to state that, in my opinion, the reason why the rest-house at Avadi should not be in charge of the barrack department is because the only order that refers to vacant rest-house in the Government of India circular letter, No. 50, of the 18th August 1870.

2. In standing order No. 26 of 1883 no mention is made of rest-houses, and this order agrees with G.O., No. 4468, of the 6th August 1877, which was passed regarding vacant barrack buildings.

G.O., No. 1329 W., dated 5th June 1882.

3. I do not know why the charge of vacant rest-houses should be given to the Public Works Department; but it appears to me that such is the meaning of the orders.

No. 38 S.E.-V.

Endorsement on the above.

Forwarded to the Secretary to Government, Public Works Department, for the favor of orders.

2. If the building is, as it appears, used purely for military purposes, there seems no doubt but that under Code paragraph 1403, which supersedes all previous orders on the subject, it should be in the custody of that department, to whom also the charges involved for such custody should be debited.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

22nd April 1884.

G.O., dated 6th May 1884, No. 2113, Military.

Read—letter from the Public Works Department, dated 2nd May 1884, No. 78 R.

Order—dated 5th May 1884, No. 2113, Military.

The Government in the Military Department observe that the question at issue was decided in proceedings of Government (Military), No. 4468, dated 6th August 1877.

2. With reference to the orders of 1876, which the Superintending Engineer, V Circle, quotes, it is observed that the barrack department of this Presidency is not under the Public Works Department as in Bengal, and that consequently those orders are not applicable.

(True Extract.)

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

ORDER—dated 12th May 1884, No. 1190 W., Public Works.

Communicated to the officers of the Public Works Department for information and guidance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 188.

Recd. *Encl.*

G.O., 12th May 1884, No. 1190 W.

MAY.

Rest-House at Avadi

Proceedings, Military Department, on a question raised as to the custody of the vacant [illegible] communicated to officers of the Public Works Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

G.O., dated 28th April 1884, Mis. No. 1026, Judicial.

Read—the following letter from the Inspector-General of Jails, dated 17th April 1884, No. 106:—

ABSTRACT.—Requesting that instructions may be issued in the Public Works Department for the preparation of plans and estimates for the construction of four additional cells on a convenient site in the Calicut jail, within the jail enclosure, for persons under medical observation.

Order—dated 28th April 1884, Mis. No. 1026, Judicial.

Approved: the necessary orders will issue in the Public Works Department.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 12th May 1884, No. 1191 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, for submission of the requisite plan and estimate.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1885.

Recd. *Encl.*

G.O., 12th May 1884, No. 1191-W.

MAY.

Calicut Jail

Plans and estimate for constructing additional cells in the —, called for.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepák, 5th May 1884, No. 474:—

With reference to paragraph 10 of the Deputy Examiner's report on the Chingleput divisional office, printed in G.O., No. 861 W., dated 31st March 1884, I have the honor to request that sanction may be given to the employment of a temporary clerk, for sorting the records of that office on Rs. 15 per month, for three months. An application for funds is enclosed.

Statement of Proposition for revision of Establishment.

Orders sanctioning the present Establishment.		Office to which the proposition refers.	Nature of Change.												Proposition.								Remarks by Local Government.
Government of Madras, Public Works Department.			Present Scale.						Proposed Scale.						Permanent.		Temporary.						
					Pay						Pay.				Increase per Month.	Decrease per Month.	Increase per Month.		Decrease per Month.				
No.	Date.		No.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	No.	Designation.	Minimum.	Increment.	Maximum.	Average or Fixed.	Amount.	Amount.	Period.	Amount.	Period.	Amount.			
899 W.	28th Mar. 1883	Chingleput division office.	2	Clerk, V Class, 1st Grade, Temporary.	15 each	..	..	30	8	Clerk, V Class, 1st Grade, Temporary.	15 each	..	..	46	..	..	3	15	..	...	..		

Chepâk,
5th May 1884.

(Signed) H. L. PRENDERGAST, Colonel, R.E.,
Superintending Engineer, V Circle.

ORDER—dated 12th May 1884, No. 1194 W., Public Works.

The temporary establishment for the Chingleput division, shown in the tabular statement printed with these Proceedings, is sanctioned against the grant provided in the Provincial budget for 1884-85.

2. This sanction has been registered as Provincial No. 11 W. of 1884-85 and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 12th.

Recd. *Encl.*

G.O., 12th May 1884, No. 1194 W.

MAY.

Temporary Establishment

A — of three clerks sanctioned for the Chingleput division against the Provincial budget grant for 1884-86.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major J. L. L. MORANT, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 25th April 1884, No. 125:

I have the honor, (in continuation of the one sanctioned in Public Works G.O., No. 90 W., dated 12th January 1884,) to submit another estimate, amounting to Rs. 6,968, for a dwarf masonry wall to be built in front of the Revenue Board office and the Marine Villa, as far as the Napier bridge.

1 Tracing.
1 Estimate.
1 Duplicate abstract.

2. The portion in front of the Revenue Board office was at first intended to be open for a carriage road as shown in red, so was not included in the former estimate. The portion in front of the Marine Villa was not contemplated in January, but now I am desirous of having it done during the hotter months while Madras is empty.

3. I have the honor to solicit early sanction to enable me to arrange for the stone-work which takes a long time to cut.

ORDER—dated 12th May 1884, No. 1135 W., Public Works.

The estimate, amounting to Rs. 6,968, for constructing a dwarf wall in front of the Revenue Board office and the Marine Villa, as far as the Napier bridge, is sanctioned, as supplemental to the estimate referred to in Proceedings of Government, No. 90 W. of the 12th January 1884. The total sanction for "improving the South Beach promenade" now amounts to Rs. 78,225.

2. A sum of Rs. 3,332 is provided in the Provincial Service fund budget estimate for this work for 1884-85, and the Consulting Architect to Government will apply for the further funds required during the current year.

3. This sanction has been registered as Provincial No. 27 W. of 1884-85 and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with three enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 12th.

Read. *Encl.*

G.O., 12th May 1884, No. 1195 W.

MAY.

South Beach, Madras

Estimate of Rs. 6,960, for constructing a dwarf wall on the — in front of the Revenue Board office and the Marine Villa, as far as the Napier bridge, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 10th April 1884, No. 425 G.:—

In reply to your letter, No. 209 W., dated 23rd January 1884, detailing some of the instances in which Mr. Chisholm, Consulting Architect to the Government of Madras, has been permitted to receive fees for architectural work undertaken by him, outside his regular duties, I am directed to observe that Public Works Department Circular No. 101, dated 4th December 1868, distinctly prohibits the grant of fees in the manner described without the special previous sanction of the Government of India, and this order would seem to cover all the cases in which Mr. Chisholm has been allowed to accept fees from private persons or corporations. Again the orders of Circular, No. 93 of 1878, as well as those of Circular No. X of 1882, which superseded the former, alike prohibit the grant of remuneration to an officer drawing Mr. Chisholm's salary for work performed for Municipalities or for Courts of Wards' estates, and yet it is observed that fees have been accepted by Mr. Chisholm for the Madras market (a municipal work), and for residences of Zemindars under the Court of Wards.

2. The proceedings of the Government of Madras, therefore, in allowing Mr. Chisholm to accept fees, have been clearly irregular and in disregard of repeated standing orders. I am to request therefore that the orders on the subject may in future be strictly adhered to.

ORDER—dated 12th May 1884, No. 1136 W., Public Works.

Recorded for guidance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 12th.

Recd. *Encl.*

G.O., 12th May 1884, No. 1196 W.

MAY.

Fees and Commissions

Letter from the Government of India pointing out that rules on the subject of an officer drawing — for work done outside his regular duties have been disregarded in the case of Mr. R. P. Chisholm, and requesting that they may be strictly adhered to in future, recorded.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 26th April 1884, No. 201 E.W. :—

I have the honor to submit, for sanction and appropriation of funds in the current official year, an estimate, amounting to Rs. 1,113-8-0, for the temporary establishment required for five months, for employment under Mr. Nordmann, to complete the special work entrusted to him in Wynaad.

2. The monthly charges provided for in the estimate are in accordance with the amount sanctioned in G.O., No. 3664 W., dated 26th December 1883.

ENCLOSURE.
No. 213 E.W.
STATEMENT of Proposition for Revision of Establishment.

Order Constituting Establishment—Government of Madras, Public Works Department: Number	Date	Office to which the proposition refers	Present Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or fixed	Proposed Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or fixed	Permanent: Increase per Month: Amount	Permanent: Decrease per Month: Amount	Temporary: Increase per Month: Period	Amount	Temporary: Decrease per Month: Period	Amount	Remarks by Local Government
					RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.	
[illegible] W.	[illegible] February 1884	Executive Engineer's office, Wynaad	2	Surveyors	..	..	450	..	2	Surveyors	..	..	450	..	..	..	..	..	..	..	
			1	Draughtsman	..	..	75	..	1	Draughtsman	..	..	75	..	..	..	..	..	..	..	
			1	Do.	..	..	52½	..	1	Do.	..	..	52½	..	..	..	..	..	..	..	
			1	Head Clerk and Accountant	..	..	90	..	1	Head Clerk and Accountant	..	..	90	..	..	..	..	..	..	..	
			1	Second Clerk and Assistant Accountant	..	..	45	..	1	Second Clerk and Assistant Accountant	..	..	45	..	..	..	..	..	..	..	
			12	Survey lascars	..	..	120	..	12	Survey lascars	..	..	120	..	..	..	..	..	..	..	
			6	Executive Engineer's lascars	..	..	60	..	6	Executive Engineer's lascars	..	..	60	..	..	..	..	..	..	..	
				Contingencies	..	..	30	..	..	Contingencies	..	..	30	..	..	..	..	..	..	..	
				Total for one month	..	..	922½	..		Total for one month	..	..	922½	..	..	..	..	..	..	..	
				Total for five months	..	..	4,612½	..		Total for five months	..	..	4,612½	..	..	..	..	..	..	..	

COIMBATORE,
3rd May 1884.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, IV Circle.

ORDER—dated 12th May 1884, No. 1203 W., Public Works.

The temporary establishment, required for employment under Mr. Nordmann, as shewn in the tabular statement printed with these Proceedings, is sanctioned against the grant provided in the Provincial budget for 1884-85.

2. This sanction has been registered as Provincial No. 12 W. of 1884-85 and classified as establishment, temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 12th.

Read. *Encl.*

G.O., 12th May 1884, No. 1203 W.

MAY.

Temporary Establishment

Sanctioning the — required in employment under Mr. Nordmann on special duty in Wynaad during 1884-85.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

G.O., dated 7th May 1884, No. 1025, Financial.

Read—the following papers :—

Letter from the President, Local Fund Board, Nilgiris, dated 29th February 1884, No. 16.
Telegram from do. do. dated 2nd April 1884.
Endorsement of the Public Works Department, dated 11th April 1884, No. 7 B.
Proceedings of Government, Public Works Department, dated 3rd May 1884, No. $\frac{1111 W.}{A}$

Order—dated 7th May 1884, No. 1025, Financial.

The maintenance of the main line of communication between Metupalaiyam and Gudalur will accordingly be transferred to the Public Works Department with effect from the 1st April 1885, and such portions thereof as lie within the limits of the Coonoor and Ootacamund Municipalities with effect from the date of the notification appended to this order.

2. The estimates received with letter No. 16, dated 29th February 1884, from the President, Nilgiri Local Fund Board, will be made over to the Department of Public Works, and the Board of Revenue will report what amount should be withdrawn from the Provincial grant heretofore made to the Local Board for the upkeep of the road referred to, and what arrangements should be made for the levy of tolls thereon under Acts VIII of 1851 and X of 1864 (India).

3. The President, Coonoor and Ootacamund Municipalities, will report what amounts should be withdrawn from the Provincial grants made to those municipalities for the upkeep of the portions of the main line of communication of which they are now relieved.

4. The following notification will issue in the Fort St. George, and Nilgiri and Coimbatore District Gazettes :—

(Here enter notification, dated 7th May 1884.)

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

To the Public Works Department, with two estimates.

Order—dated 12th May 1884, No. $\frac{1506 W.}{A}$ Public Works.

Communicated to the Superintending Engineer, IV Circle, for information and guidance.

2. The estimates for improvements within the municipal limits of Coonoor and Ootacamund, referred to in paragraph 2 of the above Proceedings in the Financial Department, will be forwarded to the Superintending Engineer for scrutiny and submission for formal sanction in the form prescribed by the Public Works Code. Meanwhile the collection of material may be proceeded with, in anticipation of a specific appropriation of funds, which will be made on sanction to the estimates being communicated.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with two enclosures.
" Examiner, Public Works Accounts.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 12th.

Recd. *Recd.*

G.O., 12th May 1884, No. $\frac{1203}{A}$ W.

MAY.

Mettupalaiyam-Gudalur Main Road

Regarding the transfer to the Public Works Department of charge of maintenance of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepauk, 11th December 1883, No. 1217.

In reply to Public Works Order No. 3257 W., dated 19th November 1883, I have the honor to submit plans and an estimate (the latter, amounting to Rs. 19,073) for a clock tower with two dials 5 feet in diameter.

1 Tracing.
1 Specification and detailed estimate.
1 Duplicate abstract.

2. I sent a tracing of the upper portion of the design to N. R. Pogson, Esq., C.I.E., Government Astronomer. He replied thus—

"The tower is not intended for one clock with two faces, but for two separate and distinct clocks, both kept going synchronously with each other, with one at the Central Station and one at the Marine Office, all under electrical control of the observatory mean time regulator. As many other clocks may in the future be included in the same electrical circuit as Government may be disposed to pay for, a telegraph line from the observatory to the clock tower will have to be set up and kept in continual efficient order, and from the clock tower it will also have to be carried on to the Central Railway Station to join the Marine line in use since June 1878. If new posts were required throughout, the cost of construction would be Rs. 300 per mile, but if existing posts can be utilised it will be much less; information upon which point must be obtained from the Superintendent of Government Telegraphs (P. V. Luke, Esq., C.I.E.).

"The clocks will also require to be changed in several ways; chiefly their dials from 3 to 5 feet in diameter, besides new hands, counterpoises, contact screws, &c., all which it is intended to have done at the Arkonam Telegraph Workshops of the Madras Railway Company and for this I must request permission of the Agent and Manager, Mr. Saunders.

"While you are arranging for the Mount Road structure it will, I think, be better for me to address Government with definite proposals for all else requisite to complete the scheme in its entirety, and I propose to do so at once, so as to have all ready immediately you can report the tower ready for occupation by the two clocks it is to contain."

3. The estimate now submitted is for the structure only. Mr. Pogson's estimate will, I believe, amount to some Rs. 2,000.

4. The design now submitted is 54 feet high from ground level to centre of clock face. The bottom buttressed portion is proposed to be of cut-stone with brick showing here and there. The rest of the tower will be of the very best brickwork moulded and pressed except the two horizontal carved cornices and pillars and pillarets which will be, some of stone and some of marble. Terracotta and encaustic tiling will be used in certain parts. The balcony balustrades will be of terracotta. The pillars round the clock and the dentil moulding will be of marble, and the surfaces around the clock faces will be of diaper work made of stone, terracotta, or moulded bricks as may be found most convenient. The roof will be tiled. The lower carved cornice is very roughly indicated. It is intended to be formed of carved foliage flowers and fruit.

No. 2551 C., Public Works.

Forwarded, through the Financial Department, to the President, Madras Municipal Commission, for favor of information whether the Municipality will be prepared to contribute a moiety of the cost of the proposed clock tower on the Mount Road.

2. It will be seen that the tower alone is estimated to cost Rs. 10,078, and that the further work of establishing electrical connection with the observatory and altering the clocks to suit the tower, will cost about Rs. 2,000 more, say, Rs. 12,000 in all.

(By Order.)

(Signed) C. BOWEN, Major, R.E.,
Under Secy. to Govt., P.W.D.

CHEPAUK,
19th December 1883.

To the Financial Department (with papers in original to be returned).

From A. T. ARUNDEL, Esq., President, Municipal Commission, to the Chief Secretary to Government, dated Madras, 26th February 1884, P.W.C. No. 205.

Referring to G.O., No. 2518, dated——, on reference No. 1113 of 1883, I have the honor to state that the Commissioners are not prepared to pay a moiety of the cost of erecting the electric clock tower in the Mount Road, but that they will make an allotment of Rs. 2,000 towards the object in view.

2. The papers that accompanied the reference are herewith returned.

No. 454, Financial.

Forwarded to the Public Works Department.

(Signed) E. F. WEBSTER,
Chief Secretary.

28th February 1884.

G.O., dated 16th April 1884, Mis. No. 795, Financial.

From A. T. ARUNDEL, Esq., President, Municipal Commission, to the Chief Secretary to Government, dated Madras, 28th March 1884, P.W.C. No. 340.

Referring to my letter, No. 203, dated 26th February, I have the honor to inform you that the Commissioners, by a majority of one, at a general meeting on the 26th instant, have declined to confirm the allotment of Rs. 2,000 towards the erection of the electric clock tower in the Mount Road.

Order—dated 16th April 1884, Mis. No. 795, Financial.

Forwarded to the Public Works Department, in continuation of endorsement, No. 454, dated 28th February 1884.

(True Extract.)

(Signed) J. D. REES,
Acting Under Secretary.

To the Public Works Department.

ORDER—dated 13th May 1884, No. 1205 W., Public Works.

The Madras Municipal Commissioners having declined to contribute any portion of the cost of erecting a tower on the Mount Road, in which to place the two sympathetic electric clocks now available at the observatory, His Excellency the Governor in Council directs that the proposal be abandoned.

2. The Consulting Architect will, in communication with the Government Astronomer and the Telegraph Department, frame estimates for placing one of the clocks inside the large hall of the new Post office, and the other outside the Public Works offices at Chepák. These estimates should be submitted as soon as possible.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with four enclosures.
" Financial Department.
" Public Department.
" Chief Superintendent of Telegraphs, Madras Division.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1884.

Read. *Enrl.*

G.O., 13th May 1884, No. 1205 W.

MAY.

Electric Clocks

The proposal to build a tower on the Mount Road, Madras, in which to place the two — available at the observatory abandoned, and estimates called for for placing one of them inside the new Post office, Madras, and the other outside the Public Works offices at Chepak.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 23rd April 1884, Mis. No. 993, Judicial.

Read—the following letter from the Surgeon-General with the Government of Madras, to the Chief Secretary to Government, dated 9th April 1884, No. 184 :—

I have the honor to submit for the sanction of the Right Honorable the Governor in Council, the accompanying letter from the Superintending Engineer, V Circle, with plans and estimates for the construction of quarters for the assistant matron and 2nd-class European attendants in the lunatic asylum, Madras, aggregating Rs. 12,445.

ENCLOSURE.

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Secretary to the Surgeon-General with the Government of Madras, dated Chepauk, 19th March 1884, No. 4250.

With reference to G.O., No. 895 W., dated the 19th March 1883, I have the honor to forward the undermentioned plans and estimates with a view to the sanction of Government being obtained by the Surgeon-General in accordance with paragraph 3 of G.O., No. 482 W., dated the 21st February 1884.

	RS.
1. Constructing quarters for the assistant matron at the lunatic asylum at Madras	4,330
2. Constructing quarters with out-houses for the 2nd-class European attendants at the same asylum	8,115

2. No funds have been provided in the preliminary issue of the Provincial budget for the year 1884-85.

Order—dated 23rd April 1884, Mis. No. 993, Judicial.

Sanctioned and transferred to the Public Works Department.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 14th May 1884, No. 1225 W., Public Works.

The estimates noted below, aggregating Rs. 12,446, for constructing additional buildings at the lunatic asylum, Madras, are sanctioned for execution when funds are available :—

	RS.
Quarters for the assistant matron	4,330
Do. for two 2nd-class European attendants	8,115

2. This sanction has been registered as Provincial No. 29 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with eight enclosures.
" Examiner, Public Works Accounts, with two abstract estimates.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1884.

Recd. *Recd.*

G.O., 14th May 1884, No. 1225 W.

MAY.

Madras Lunatic Asylum

Estimate, amounting to Rs. 12,445, for constructing quarters for the assistant matron and for two 2nd-class European attendants at the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 29th April 1884, No. 207 E.W.:—

I have the honor to forward, for sanction, a plan and an estimate, amounting to Rs. 1,360, for constructing a store-shed at Coimbatore within the compound of the Superintending Engineer's office for storing the famine tools.* A report and a statement, showing the comparative cost of storing the tools at Udamalpet and Coimbatore, are also forwarded.

* Vide G.O., No. 940 W., of 28th March 1884.

2. It was first thought to store the tools at Bhavâni travellers' bungalow, and in the old office of the Public Works Department at Udamalpet; but the latter building is in a dilapidated condition, and the expense of putting it in good order would be great. The necessity for constructing a new building is explained by the division officer in the report.

Order—dated 14th May 1884, No. 1223 W., Public Works.

The plan and estimate, amounting to Rs. 1,360, for constructing a store-shed in the compound of the Executive Engineer's office at Coimbatore for the storage of famine tools are sanctioned against the minor works grant to the Coimbatore division.

2. This sanction has been registered as Provincial No. 30 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1884.

Recd. *Encl.*

G.O., 14th May 1884, No. 1226 W.

MAY.

Store-shed

Plan and estimate of Rs. 1,960 for constructing a — at Coimbatore, for the storage of famine tools, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Captain W. L. C. BADDELEY, R.E., General Superintendent, Public Works Workshops, to the Deputy Chief Engineer, Public Works Department, dated 26th April 1884, No. 122 W.:—

I have the honor to enclose the accompanying estimate of the cost of maintenance of the pump and engine at the Guindy water-works for the year 1884-85 for Rs. 2,226, and to request that funds may be appropriated and placed at the disposal of the Executive Engineer, Presidency.

ORDER—dated 14th May 1884, No. 1227 W., Public Works.

The estimate, amounting to Rs. 2,226, for maintaining the pump and engine at the Guindy water-works for the year 1884-85 is sanctioned.

2. The Superintending Engineer, V Circle, will include in his statement of demands on the reserve the funds required for the work during the year.

3. This sanction has been registered as Provincial No. 31 W. of 1884-85, and classified as Tools and Plant.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
,, General Superintendent, Public Works Workshops.
,, Examiner, Public Works Accounts, with estimate.
,, Private Secretary to His Excellency the Governor.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated May, 14th.

Recd. *Encl.*

G.O., 14th May 1884, No. 1227 W.

MAY.

Guindy Water Works

Estimate of Rs. 2,226 for maintaining the pump and engine at the — for 1884-85, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

G.O., dated 28th April 1884, Mis. No. 1764, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 8th April 1884, Mis. No. 3048:—

Read—the following letter from N. A. ROUPELL, Esq., Collector of Anantapur, to the Secretary to Government, Revenue Department, dated 30th March 1884, No. 116—Through the Secretary to the Board of Revenue:—

I have the honor to forward, for approval and sanction, a plan and an estimate, amounting to Rs. 800, for constructing an additional treasury safe room on the outside of the existing treasury room in the Anantapur taluk cutcherry, in which the district treasure, &c., are now kept.

2. The present treasury accommodation is too scanty and inconvenient, and the work being emergent has been commenced by the Public Works Department in anticipation of sanction.

Resolution—dated 8th April 1884, Mis. No. 3048.

Submitted to Government with the request that funds may be allotted in the Public Works Department budget.

(A true Copy and Extract.)

(Signed) E. GIBSON,
Secretary.

Order—dated 28th April 1884, Mis. No. 1764, Revenue.

Transferred to the Public Works Department for necessary orders.

2. The plan of the work has the approval of Government in the Revenue Department.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

ORDER—dated 14th May 1884, No. 1228 W., Public Works.

The plan and estimate, amounting to Rs. 800, for constructing an additional treasure strong-room for the taluk cutcherry at Anantapur, in the Bellary district, are sanctioned against the minor works grant to the Bellary division.

2. This sanction has been registered as Provincial No. 32 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with three enclosures.
" Examiner, Public Works Accounts.
" Financial Department.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 188.

Recd. *Encl.*

G.O., 14th May 1884, No. 1228 W.

MAY.

Taluk Cutcherry at Anantapur

Plan and estimate of Rs. 800, for constructing an additional treasure strong-room for the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Officiating Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Bimandrug, 10th April 1884, No. 64:—

I have the honor to forward an estimate, amounting to Rs. 2,422, accompanied by a site plan, for constructing a sub-registrar's office at Huvinahadgalli, after the standard design approved of in G.O., No. 120 W., dated 14th January 1882.

2. I request that the estimate may be transmitted for approval of Government in the Judicial Department.

No. 916.

Submitted for the sanction of the Government.

Ootacamund,
16th April 1884.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 945, Judicial.

Endorsement on the above.

Approved and transferred to the Public Works Department.

(By Order.)

Ootacamund,
1st May 1884.

(Signed) M. HAMMICK,
for Chief Secretary.

Order—dated 14th May 1884, No. 1229 W., Public Works.

The estimate, amounting to Rs. 2,422, for constructing a sub-registrar's office at Huvinahadgalli, in the Bellary district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 33 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 14th.

Read. *Read.*

G.O., 14th May 1884, No. 1229 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 3,452 for constructing a — at Urvinulodgalli, in the Bellary district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

Telegram from the Executive Engineer, Vizagapatam Division, to the Secretary to Government, Public Works Department, Ootacamund, dated 2nd May 1884.

Your wire. Borings 200 feet north of original, 14 feet 9 inches rock; 20 feet further north, 14 feet 6 inches; 263 feet further north, borings 12 feet 9 inches rock at half tide, at low tide 11 feet 6 inches rock. Illustrations and details mailed. Ghât road completed, not open to traffic, awaiting rains to ram and consolidate last miles metalled.

From T. D. HARRIS, Esq., Executive Engineer, Vizagapatam Division, to the Chief Engineer, Public Works Department, dated Waltair, 2nd May 1884, No. 200.

In conformity with your telegram, dated 31st March 1884, and G.O., No. 880 W., dated 31st March 1884, I have the honor to submit, herewith, the result of the borings at proposed site of pier on the beach of Vizagapatam. I have, you will observe from the illustrations, taken borings 200 feet north of the original borings as directed in yours cited above, and again 20 feet further north of that point, and again 263 feet further north where the road from the north end of the Fort maidan joins the beach: this point, I think you will agree with me, is the most suitable for the pier to start from. You will observe also that all the borings give nearly similar results, and I think there is sufficient grip for piles throughout.

Trusting the information will be found satisfactory, I have, &c.

Order—dated 14th May 1884, No. 1230 W., Public Works.

Communicated to the Master Attendant, Madras, through the Marine Department, with reference to G.O., No. 880 W., dated 31st March 1884.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Marine Department, with two plans.
„ Superintending Engineer, I Circle.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 14th.

Read. *Read.*

G.O., 14th May 1884. No. 1230 W.

MAY.

Vizagapatam Pier

The results of the borings at the proposed site of —, communicated to the Master Attendant, through the Marine Department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from L. R. BURROWS, Esq., Acting Collector of Nilgiris, to the Secretary to Government, Revenue Department, dated Ootacamund, 9th May 1884, No. 35:—

Adverting to G.O., No. 1867, dated 5th May 1884, I have the honor to submit herewith, for approval and publication in the *Fort St. George Gazette*, a draft notification for the acquisition of the remaining portion of D-311.

2. Copy of this letter and draft notification has been forwarded to the Board of Revenue.

Mis. No. 1384, Revenue.

Transferred to the Public Works Department with reference to that Department G.O., dated 2nd instant, No. 1096 W., Miscellaneous.

OOTACAMUND,
10th May 1884.

(Signed) H. F. STOKES,
Secretary to Government.

ORDER—dated 14th May 1884, No. 1231 W., Public Works.

Ordered that the notification be published in the Fort St. George and District Gazettes.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Revenue Department.
" Superintendent, Government Press, with notification.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras,

PUBLIC WORKS.

Dated May, 14th.

Encl. *Encl.*

G.O., 14th May 1884, No. 1231 W.

MAY.

Land

Sanctioning the acquisition of a piece of — within the Ootacamund settlement, Nilgiri district, forming part of the plot D-311, for the construction of a road.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Pámancrag, 25th April 1884, No. 142:—

As called for in G.O., No. 1465, dated 4th June 1883, Judicial Department, I have the honor to forward, an estimate, amounting to Rs. 2,040, for constructing a sub-registrar's office at Chitvel, in the Pullampet taluk, after the standard design approved of in G.O., No. 128 W., dated 14th January 1882. I request that the estimate may be countersigned and transmitted for approval of Government in the Judicial Department.

1 Estimate. | 1 Sketch.

No. 1152 T.N.

Submitted for the sanction of the Government.

OOTACAMUND,
30th April 1884.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 870, Judicial.

Endorsement on the above.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
5th May 1884.

(Signed) H. HAMMICK,
Ag. Assistant Secretary.

ORDER—dated 14th May 1884, No. 1232 W., Public Works.

The estimate, amounting to Rs. 2,040, for constructing a sub-registrar's office at Chitvel, in the Cuddapah district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 34 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with two enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 14th.

Recd. *Encl.*

G.O., 14th May 1884, No. 1232 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 2,040 for constructing a — at Chitvel, in the Cuddapah district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 29th April 1884, No. 3287 :—

I have the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate below mentioned which has been approved by the Commander-in-Chief. The estimate has been countersigned :—

1. Estimate, amounting to Rs. 520, for providing granite stones with iron rings for the stables of the P. Battery, 1st Brigade, Royal Artillery, at St. Thomas' Mount.

No. 2097, Military.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND, 30th April 1884. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Offg. Secretary to Government.

ORDER—dated 14th May 1884, No. 1233 W., Public Works.

The estimate, amounting to Rs. 520, for providing granite stones with iron rings for the stables of P. Battery, 1st Brigade, Royal Artillery, at St. Thomas' Mount, is sanctioned.

2. This sanction has been registered as Imperial No. 7 W. of 1884-85 and classified as Military, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E., Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with estimate.
,, Examiner, Public Works Accounts.
,, Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 1883.

Read. *Read.*

G.O., 14th May 1884, No. 1233 W.

MAY.

Stables at St. Thomas' Mount

Estimate of Rs. 520 for providing granite stones with iron rings for the — of the P. Battery, 1st Brigade, Royal Artillery, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From the Chief Engineer for Irrigation, dated 1st May 1884, No. 97.
Office note from the Examiner, Public Works Accounts, dated 8th May 1884, No. 82.

ORDER—dated 14th May 1884, No. 1234 W., Public Works.

As the grant for temporary establishment provided in the final issue of the Provincial budget estimate for 1884-85 has been distributed under Engineer, Upper Subordinate, Petty and Office, no specific appropriation of funds will be necessary to cover future sanctions for temporary establishments. The sanctions will be booked against the lump sum grants under the respective heads referred to above.

2. The Examiner of Public Works Accounts will apply for sanction when reappropriation of funds under these heads is necessary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the General Superintendent, Public Works Stores.
" Consulting Architect to Government.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ACCOUNT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Docket No., 18—

Recd. *Encl.*

G.O., 14th May 1884, No. 1234 W.

MAY.

Temporary Establishment

Considering specific appropriation of funds to cover particular conditions under — unnecessary, when the grant under that head for the year is distributed under specific heads in the budget estimate.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Administrative Department, to the Secretary to Government, Public Works Department, dated Madras, 10th May 1884, No. 1545:—

I have the honor to request you will cause a thorough examination to be made of the house known as Marine Villa at Cocanada, which was purchased by Government as a residence for the port officer.

2. An order has just been promulgated by Government that where official residences are provided for officers, they must live in them; and if Marine Villa requires repair (for no improvements or additions are required) I solicit the favor of early submission of estimate for the same from the District Engineer.

ORDER—dated 14th May 1884, No. $\frac{1524 \text{ W.}}{A}$ Public Works.

Communicated to the Superintending Engineer, I Circle, in continuation of G.O., No. 1034 W., dated 22nd April 1884, copy of which will be furnished to the Master Attendant.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Master Attendant, } with copy of G.O., No. 1034 W., dated 22nd April 1884.
" Marine Department, }

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 14th.

Recd. *Encl.*

G.O., 14th May 1884, No. $\frac{1234\ W.}{A}$

MAY.

Marine Villa at Cocanada

Letter from the Master Attendant requesting to direct the early submission of an estimate for repairs to the —, communicated to the Superintending Engineer, I Circle.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from Colonel W. S. TREVOR, R.E., Secretary to the Government of India, Public Works Department (Railway Establishments), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 3rd May 1884, No. 282 R.E.:—

I am directed to acknowledge the receipt of your letter, No. 376 W., dated the 12th February 1884, forwarding, duly recommended, for favourable consideration, an application in original, from Major Sidney Smith, R.E., acting Deputy Consulting Engineer for Railways, Madras, for promotion to the rank of Executive Engineer, 3rd grade, under the terms of paragraph 6, section 1, chapter II of volume I of the 4th edition of the Public Works Department Code.

2. In reply, I am to state that in the Railway Branch of the Public Works Department, and, indeed, in all branches except the Military Works Branch, it is impossible wholly to take into account the military status of the several officers in the department as vacancies occur in the department.

Major Sidney Smith's interests will be duly considered equally with those of others and promotions made accordingly.

ORDER—dated 14th May 1884, No. 1255 W., Public Works.

Communicated to the Consulting Engineer for Railways, with reference to G.O., No. 374 W., dated 12th February 1884.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Engineer for Railways.

GENERAL.
ESTABLISHMENT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated May, 14th.

Recd. *Regd.*

G.O., 14th May 1884, No. 1235 W.

MAY.

Major Sidney Smith, R.E.

Remarks of the Government of India on the application of — for promotion to the rank of Executive Engineer, 3rd grade, communicated to the Consulting Engineer for Railways.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Captain J. H. TAYLOR, R.N.R., Master Attendant, Administrative Department, to the Secretary to Government, Public Works Department, dated Madras, 12th May 1884, No. 4566:—

In continuation of my letter, No. 4548, dated 10th instant, I have the honor to inform you that Mr. Baker, the new Port officer, Cocanada, reports that he is unable to occupy the Marine Villa, as it is unsuitable for residence in its present condition, and that he is obliged to live in a small hotel, attended with great inconvenience. He says that the Superintending Engineer sent in an estimate on 27th February 1883, amounting to Rs. 2,065, for the repairs of the house, and as it is imperative that they should be attended to before the rains set in, I would respectfully suggest that the amount be placed at the disposal of the Port officer for the purpose of carrying out the work. If approved, I beg that orders be wired direct to the Collector to advance funds and instruct the Port officer to put the repairs in hand at once.

ORDER—dated 14th May 1884, No. $\frac{1356\ W.}{3}$ Public Works.

The Superintending Engineer, I Circle, has already been instructed, in G.O., No. 1034 W., dated 22nd April 1884,* to submit an estimate for putting "Marine Villa" at Cocanada into thorough order.

2. The estimate of Rs. 2,065, referred to by the Master Attendant in his letter above recorded, was shown to be quite insufficient in the papers printed with Proceedings, No. 617 Marine, dated 18th December 1883.†

3. The following telegram will now be despatched to the Superintending Engineer, I Circle:—

"Repairs to Marine Villa, Cocanada, to be put in hand at once. Estimate to be expedited. Order follows."

4. The question of an allotment of funds will be considered on receipt of the estimate.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Master Attendant.
" Marine Department.

* Vide also G.O., No. $\frac{135\ W.}{3}$ dated 14th May 1884.

† Proceedings of Government, Public Works Department, No. 4 W., dated 2nd January 1884.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 14th.

Read. *Encl.*

G.O., 14th May 1884, No. $\frac{1235\ W.}{A}$

MAY.

Marine Villa at Cocanada

Ordering, with remarks, the repairs to the — to be put in hand at once, the estimate being expedited.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

READ—the following letter from J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Masulipatam, 18th April 1884, No. 55-N.L.:—

I have the honour to lay the following matter before you, and request, should you see fit, that the orders of Government may be obtained.

2. The Executive Engineer, Nellore division, reports that rent for the Sub-Collector's bungalow at Ongole is due from the 1st January last.

3. On the 5th February the Executive Engineer wrote to Mr. W. J. Tate, the acting Sub-Collector, requesting payment of the rent for January; getting no reply, the Executive Engineer wrote again on the 18th idem, and receiving no reply to either of these two letters, wrote again to Mr. Tate on the 3rd March.

4. This elicited a reply from Mr. Tate, to the effect that he had vacated the bungalow on the 22nd January, and had asked the Collector to get the rent from that date recovered.

5. This was followed by a second letter from the acting Sub-Collector, dated the 10th March, copy of which, with copy of the enclosure, is forwarded.

6. A copy of the Executive Engineer's reply is also forwarded.

7. The Executive Engineer sent up the correspondence to me with his No. 67 of the 22nd March, and, in reply, I informed Captain Henderson, under date the 28th idem, that it appeared to me, under G.Os., Nos. 749 W. and 3151 W., of the 15th September 1877 and 6th December 1882, respectively, that Mr. Tate is responsible for the rent until he formally makes over the building to the Public Works Department, and I requested information as to the date on which the bungalow was formally made over.

8. Writing under date the 14th instant, the Executive Engineer, Nellore, informs me that the building has never been formally handed over by the acting Sub-Collector, Mr. Tate, also that when this gentleman removed his furniture to the cutcherry and vacated the bungalow, it appears to have been taken charge of by a cooly employed for watering the compound hedge. Mr. Mahony, the Public Works sub-divisional officer at Ongole, found that the bungalow had been vacated and reported the fact to the Executive Engineer on the 4th February.

9. It is quite clear therefore that Mr. Tate failed to give notice that he had vacated the building, as required by the G.O. of September 1877 already quoted, and apparently took no trouble to ensure that the building was properly looked after.

10. Mr. Tate has not paid any rent from the 1st January.

11. Under these circumstances, I request Government will decide upon what date Mr. Tate should pay rent, and that orders may be passed directing him to pay the same to the Executive Engineer.

12. Mr. Tate is, I understand, on special duty in the south of the district and does not require the bungalow; but there is not, I submit, any justification for his not giving proper notice regarding his intention to vacate the bungalow, and for his not replying about the rent till three letters had been written to him.

*ENCLOSURES.

From W. J. TATE, Esq., Acting Sub-Collector to the Executive Engineer, Nellore Division, dated 10th March 1884, No. 97.

In forwarding, herewith, a copy of the Collector's No. 1012, dated 26th February 1884, I have the honor to inform you that I warned you that I vacated the bungalow on the 22nd January last, *vide* my letter, No. 82, dated 6th March 1884, and that if it is necessary to hand over the key to the Public Works Department I will do so at once.

From W. J. TATE, Esq., Acting Sub-Collector of Nellore, to the Acting Collector of Nellore, dated 15th February 1884, No. 106.

I have the honor to forward, herewith, a copy of the Treasury Deputy Collector's letter, No. 385, dated 9th February 1884, and with reference thereto to state that in view of other arrangements I vacated the bungalow altogether on the 22nd January last. I therefore request that from that date, or at least from the date of G.O., No. 168, dated 4th February 1884, I may be relieved from paying for it until my return to the sub-division.

From the Acting Collector of Nellore, to W. J. TATE, Esq., Acting Sub-Collector, Nellore, dated 26th February 1884, No. 1012.

Please give notice of your having vacated the building to the Public Works Department, as required by G.O., dated 18th September 1877, No. 749 W. (copy enclosed).

From the Executive Engineer, Nellore, to W. J. TATE, Esq., Acting Sub-Collector, Nellore, dated 22nd March 1884, No. 194 A.

In reply to your No. 97 of 10th instant, received by me on 21st instant, I have the honor to request that the key of the bungalow at Ongole may be handed over either to me or to Mr. Mahony at Ongole.

2. I note that you warned me that you vacated the bungalow on the 22nd January. Unfortunately your warning, which was dated 6th March, did not reach me until the 10th March, nearly two months after you had vacated the bungalow and after I had written three times to you on the subject of the rent due.

3. I am forwarding the correspondence to the Superintending Engineer, II Circle, for disposal, as I think that before you can vacate the bungalow you should give the usual month's notice.

ORDER—dated 15th May 1884, No. 1239 W., Public Works.

As Mr. Tate failed to give due notice of his intention to vacate the Sub-Collector's bungalow at Ongole, as required by the proceedings of Government quoted in the margin, and, moreover, omitted, on leaving, to hand over the building to a responsible officer of the Public Works Department, he will now be required to pay rent up to the 6th March, the date on which he intimated his intention of vacating the bungalow.

G.O., No. 749 W., dated 18th September 1877.
„ „ 3197 W., „ 5th December 1882.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 18

Recd. *Rent.*

G.O., 15th May 1884, No. 1239 W.

MAY.

Rent

Mr. W. J. Tate held to be liable for the — of the Sub-Collector's bungalow at Ongole up to the date on which he intimated his intention of vacanting the bungalow, which was long after he had quitted it.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Coimbatore, 25th April 1884, No. 112 M. :—

With reference to G.O., No. 1601, Judicial, of 6th June 1883, I have the honor to forward, for transmission to Government for sanction, a plan and an estimate, amounting to Rs. 7,220, for constructing a registrar's office at Tellichery, Malabar district.

2. A report, site plan and duplicate abstract estimate are herein enclosed.

No. 1153.
Submitted for the sanction of Government.

OOTACAMUND,
30th April 1884.

(Signed) G. HAMNETT,
Inspector-General of Registration.

No. 971, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
5th May 1884.

(Signed) M. HAMMICK,
Acting Assistant Secretary.

ORDER—dated 16th May 1884, No. 1248 W., Public Works.

The plan and estimate, amounting to Rs. 7,225, for constructing a registrar's office at Tellicherry, in the Malabar district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 35 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with five enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 16th.

Read. *Encl.*

G.O., 16th May 1884. No. 1248 W.

MAY.

Registrar's Office

The plan and estimate of Rs. 7,225, for constructing a — at Tellicherry, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From A. M. Hooper, Esq., dated 12th February 1884.
From the Superintendent, Madras Harbour Works, dated 26th February 1884, No. 45 W.
From A. M. Hooper, Esq., dated 10th March 1884.
From the Superintendent, Madras Harbour Works, dated 14th March 1884, No. 47 W.
From G. D. Coleman, Esq., dated 21st March 1884.
From the Superintendent, Madras Harbour Works, dated 27th March 1884, No. 56 W.
From G. D. Coleman, Esq., dated 9th April 1884.
From the Superintendent, Madras Harbour Works, dated 17th April 1884, No. 2 W.
From G. D. Coleman, Esq., dated 3rd May 1884.
Telegram from the Superintendent, Madras Harbour Works, dated 7th May 1884.
Do do. do. „ 12th „ „

Order—dated 16th May 1884, No. 1250 W., Public Works.

The Government sanction the purchase, for a sum of Rs. 25,000, of the property at Rāyapuram, Madras, known as "Carlton House." The owners will be required to convey the property to Government with a clear title, to be approved by the Government Solicitor, who will, on execution of the deed of conveyance, be authorised to disburse the purchase-money, which will be held at his disposal by the Superintendent of the Harbour Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
„ Examiner, Public Works Accounts.
„ Government Solicitor.
„ Marine Department.
To G. D. Coleman, Esq.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras,

PUBLIC WORKS.

Dated May, 16th.

Read. *Read.*

G.O., 16th May 1884, No. 1250 W.

MAY.

"Carlton House"

Sanctioning the purchase of the property known as — at Rāyapuram, Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from H. B. GRIGG, Esq., M.A., Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 5th April 1884, No. 2194 :—

I have the honor to submit, for the very favorable consideration and orders of Government, the accompanying letter from the Consulting Architect to Government, forwarding with reference to G.Os., dated 6th January and 20th April 1883, Nos. 2 and 230, Educational, respectively, plans and estimates for additions and improvements to the Medical College buildings. The estimate consists of the following items, aggregating Rs. 75,326 :—

	RS.
(1) Dissecting house	38,890
(2) Improving light and ventilation of and adding galleries to the three lower rooms of south wing	8,020
(3) Improving lighting and ventilation of present anatomical theatre	198
(4) Erecting galleries, &c., in library	5,125
(5) Adding an upper-story to the south wing	13,999
(6) Completing verandah round front and sides of building	8,775
(7) Improving out-house rooms	1,076
Total ...	75,326

2. The Surgeon-General with the Government of Madras agrees with the Principal of the Medical College in considering that all the improvements noted above should be carried out in the year, and that when they are completed, no further additions will be necessary for many years to come. The work should be provided for in the Public Works Budget.

ENCLOSURE.

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Director of Public Instruction, dated Madras, 30th January 1884, No. 1447.

With reference to Educational G.Os. No. 2, dated 6th January 1883 and No. 230, dated 20th April 1883, I have the honor to forward, herewith, detailed plans in four sheets and estimates for additions to, and improvements in, the Medical College buildings at Madras.

2. The plans have been prepared, with, first, in communication with each individual medical officer concerned; secondly, in consultation with the college principal; thirdly, by being laid before the college council, and, fourthly, they have been approved of generally by the Surgeon-General, Indian Medical Department.

3. The plans and estimates, which in all amount to Rs. 75,326, have been signed by the Principal of the Medical College on behalf of the college council.

4. The additions and improvements consist of the following details :—

(1) A new dissecting house containing a dissecting room for male and female students, a preparation room, a lecture theatre for 130 students with gallery for prepared anatomical specimens, an anatomical museum, a small office room for the professor, and a lavatory.

(2) In the present pathological museum room and in the room temporarily occupied by the Chemical Examiner, it is proposed to erect galleries on iron pillars approached by circular stairs, to improve their light and ventilation, and to re-arrange the cases end on to the walls, increasing their number and height. In this way the museum of pathology, hygiene and botany can all be accommodated in the three rooms forming the lower-story of this north wing.

(3) To improve the lighting and ventilation of the present anatomical theatre.

(4) To erect galleries and improve the lighting and ventilation of the college library room.

(5) To erect an upper-story on the north wing of the college thus providing for a histological theatre, a room for the professor of ophthalmic medicine, surgery, and physiology, and an office for the principal's clerk, who is now (most inconveniently) in the same room with the principal.

(6) To take advantage of the platform and parapet now running round the front and sides of the college building and to erect over it a terraced roof on iron pillars thus forming a verandah.

(7) To improve the small out-house rooms now used by lady students and others, by adding a small bracketted verandah and clear-story windows for light and ventilation.

5. The cost of these proposals will be as follows:—

	RS.
(1) Dissecting house	36,330
(2) Improving light and ventilation of and adding galleries to the three lower rooms of north wing	9,026
(3) Improving lighting and ventilation of present anatomical theatre.	196
(4) Erecting galleries, &c., in library	6,425
(5) Adding an upper-story to the north wing	13,999
(6) Completing verandah round front and sides of building... ...	8,775
(7) Improving out-house rooms	1,075
Total ...	76,326

6. The completion of the verandah round the building is made necessary because the provision of galleries to the large rooms of the college necessitates more light in these rooms, and from the want of the verandah the lower doors of these rooms cannot be now opened, for they admit too much direct sunlight and rain. There are also other college rooms which are now very dark for the same reason.

No. 907, Educational.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) J. D. REES,
Acting Under Secretary.

Ootacamund,
25th April 1884.

Order—dated 17th May 1884, No. 1252 W., Public Works.

The plans with estimate, amounting to Rs. 76,326, for improvements and additions to the Medical College buildings at Madras, are sanctioned for execution by the Consulting Architect when funds are available.

2. The component parts of the estimate are detailed in the letter from the Director of Public Instruction recorded above.

3. This sanction has been registered as Provincial No. 98 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
" Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Educational Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 17th.

Recd. *Encl.*

G.O., 17th May 1884, No. 1252 W.

MAY.

Madras Medical College

The plans and estimate of Rs. 75,328 for improvements and additions to the —, sanctioned for execution by the Consulting Architect when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

C.O., dated 29th April 1884, Mis. No. 1032, Judicial.

Read—the following letter from the Inspector-General of Police, to the Chief Secretary to Government, dated Madras, 2nd April 1884, No. 1723 :—

4 Estimates with abstracts. | 2 Site plans.
2 Abstract estimates. | 4 Plans.
| 3 Specifications.

	RS.
Second-class station-house at Cherambádi	4,040
Seven huts at Cherambádi	5,300
Second-class station-houses at Nellakóta	4,040
Five huts at Nellakóta	3,670
Third-class station-house at Nadgany ...	3,410
Three huts at Nadgany	2,277

With reference to G.O., No. 491, dated 11th March 1884, Public Department, I have the honor to forward, for early sanction, Public Works Department estimates for the police works noted in the margin, which are to be built according to the standard designs. The Superintending Engineer, in forwarding the estimates, &c., says that the site plan for Nadgany will be sent as soon as it is received from the Executive Engineer, Nilgiri division.

	RS.
Second-class station-house at Cherambádi	4,040
Seven huts at Cherambádi	5,300
Second-class station-house at Nellakóta	4,040
Five huts at Nellakóta	3,670
Third-class station-house at Nadgany ...	3,410

2. In the preliminary issue of Public Works Department budget estimate, Provincial services, for the year 1884-85, circulated with G.O., No. 250, Miscellaneous, dated 29th January 1884, Judicial Department, two third-class station-houses for Cherambádi and Nellakóta are shewn under head "minor works;" but at the instance of the Superintendent of Police, Coimbatore, and in accordance with my letter, No. 42, dated 8th January 1884, to Government, estimates have been prepared for second-class station-houses at these places. All the marginally-noted works, except three police huts at Nadgany, costing Rs. 2,277, now included in the list of minor works, will, according to the estimates now forwarded for sanction, become major works, and separate appropriations are solicited in the final issue of the Public Works Department budget for 1884-85. It will also be observed that the sums (Rs. 4,200 and Rs. 3,000) severally allotted for seven huts at Cherambádi and five huts at Nellakóta prior to the submission of estimates are insufficient, the estimates amounting to Rs. 5,300 and Rs. 3,670, respectively.

3. The urgency of these works has been fully explained in my letter to Government above quoted and also in that of the Collector of the Nilgiri district, embodied in G.O., No. 2823, dated 8th November 1883, Judicial Department.

Order—dated 29th April 1884, Mis. No. 1032, Judicial.

The estimates are sanctioned. The papers will be transferred to the Public Works Department.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 19th May 1884, No. 1258 W., Public Works.

The undermentioned estimates are sanctioned and registered as shown below :—

Second-class police station-house at Cherambâdi ...	Rs. 4,010,	No. 38 W. of 1884-85.
Seven police huts at Cherambâdi	„ 5,300	„ 39 W. of „
Second-class police station-house at Nellakôta ...	„ 4,040	„ 40 W. of „
Five police huts at Nellakôta	„ 3,670	„ 41 W. of „
Third-class police station-house at Nadgany ...	„ 3,416	„ 42 W. of „
Three police huts at Nadgany	„ 2,277	„ 43 W. of „

2. The following sums have been provided for these works in the Provincial budget estimate (final issue) for 1884-85 :—

		RS.
Item No.	72, Police station-house at Cherambâdi	2,000
„	67, Seven police huts at „	4,200
„	74, Police station-house at Nellakôta	2,000
„	68, Five police huts at „	3,000
„	73, Police station-house at Nadgany	2,000
„	75, Three police huts at „	1,800

3. These sanctions have been classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with seventeen enclosures.
„ Examiner, Public Works Accounts, with five duplicate abstract estimates.
„ Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 19 5.

Recd. *Encl.*

G.O., 19th May 1884, No. 1258 W.

MAY.

Police Station-houses and Huts

Estimates for constructing — at Chirambádi, Nellakóta and Nadgany, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from P. V. LUKE, Esq., Chief Superintendent, Government Telegraphs, Madras Division, to the Secretary to Government, Public Works Department, dated Madras, 10th May 1884, No. 948 :—

It has been decided to amalgamate the Telegraph with the Post office at Devála, and the combined office, when the change has been carried out, will be in the present Post office building.

2. I have the honor to ask if there is any objection to the transfer to the Postal department of the building now used for a Telegraph office. The Postmaster-General, Madras, informs me he requires it as a residence for the Signaller and the Inspector of Post office, Nilgiri district.

ORDER—dated 19th May 1884, No. 1259 W., Public Works.

The Government have no objection to the building now used as a Telegraph office at Devála being utilised in the manner suggested by the Superintendent of Telegraphs, when the combination of the Post and Telegraph offices at that station has been effected.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Superintendent of Telegraphs, Madras Division.
" Postmaster-General.
" Superintending Engineer, IV Circle.
" Public Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 19th.

Recd. *Encl.*

G.O., 19th May 1884, No. 1259 W.

MAY.

Telegraph office building at Devala

Sanctioning the transfer of the present — to the Postal department when the Telegraph shall have been amalgamated with the Post office in the existing Post office building.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 3rd May 1884, No. 551 G.:—

In reply to your letter No. 980 W., dated 16th ultimo, regarding the deputation of Mr. C. Vincent, Executive Engineer, to inspect and report upon certain works under the Court of Wards, I am directed to state that the Examiner of Public Works Accounts is obviously wrong in holding that the sanction of the Foreign Department is necessary to such deputation. Service under the Court of Wards is doubtless "Foreign Service" in the sense in which that term is used in the Civil Pension Code, but it is not service under a "Native State" and consequently section 8 (3) of the Civil Pension Code is not applicable to the case.

ORDER—dated 18th May 1884, No. 1260 W., Public Works.

Communicated to the Examiner, Public Works Accounts, with reference to Proceedings of Government, No. 979 W., dated 16th April 1884.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 1903.

Read. *Enct.*

G.O., 19th May 1884, No. 1260 W.

MAY.

Mr. C. Vincent's deputation

Letter from the Government of India stating, with remarks, that the Examiner, Public Works Accounts, is wrong in holding that their sanction in the Foreign Department is necessary to — to inspect and report on certain works under the Court of Wards, communicated to the Examiner, Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

Remarks of the Committee appointed under G.O., No. 3464 W., Public Works, dated 3rd December 1883.

In pursuance of G.O., dated 3rd December 1883, No. 3464 W., Public Works, the committee therein nominated met on 21st January 1884.

The different sites alluded to in the Consulting Architect's letter were inspected, viz.:—

1. The proposed site on beach road near Messrs. Parry and Co.'s office.
2. The site marked A.
3. The site marked B known as Mofussilkhan's gardens, and C close to Post and Telegraph offices.
4. The present mule stables.

The committee are of opinion that Messrs. Parry and Co.'s objection to having a stable located just under their office and the neighbouring school is a valid one and should, if possible, be respected.

The site marked A is, on inquiry, found likely to entail a much greater outlay than the amount mentioned in the Consulting Architect's letter, viz., Rs. 25,000; it would more nearly approach 75,000.

But a small piece of ground not alluded to in the paper, close by the Post office marked C might be acquired for (Rs. 3,000 ?) and on it suitable stables might be erected for the officials only. The stabling for the service horses to be placed on the piece of ground called Mofussilkhan's garden. The two would cost, including building, about Rs. 47,000.

Then there remains the present mule stables which come under consideration because the Executive Engineer, a member, informs the committee that he is in want of space for 530 mules, and that it will be necessary considerably to enlarge the present building. As Messrs. Parry and Co. already object to the comparatively small establishment, their objection to 500 would, of course, be much stronger. It will probably therefore be necessary presently to erect stables for mules in some other locality, and the present stables would have either to be pulled down or utilized in some other way. Why not convert them at once into stables for the Post office? The cost would be, including accommodation for the horses and carriages of officials, about Rs. 22,000, a probable saving of Rs. 25,000 to Government and their proximity to the Post office makes the site a desirable one.

Convenience and economy are on the side of converting the present mules stables into Post office stables. Against this it is urged that as the Harbour and Port of Madras become developed it is not probable that stables will be allowed to occupy such a site, the land will be wanted for more important buildings. This is a point Government would probably be able to decide better than the present committee.

The choice seems therefore to lie between Mofuskhan's garden and the present mule lines. In Appendices X and Y attached are given the approximate cost of each site, and a tracing showing the different localities accompanies this report.

MADRAS, (Signed) M. C. FURNELL, M.D., F.R.C.S.,
23th January 1884. Sanitary Commissioner.

(„) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect.

(„) S. SULLEN,
Presidency Postmaster.

As there appears to be no probability of Government allowing any large extension of the present mule stables now capable of containing 75 mules, &c., and as the Commissariat and Quartermaster-General's Departments require much larger accommodation so as to contain in addition to the above, 344 bullocks, 59 carts, 4 dhalies, 20 trollies, 168 cattle attendants and families, 1 gram boiling shed and other buildings, I am of opinion there is no choice in the matter but for these mule stables to be either pulled down, or handed over to the Post office authorities for whose purpose they are apparently very suitable and can be adapted.

The early selection of a new site for Commissariat cattle lines elsewhere will then be necessary.

(Signed) W. H. BURTON, Lieut.-Col., R.E.,
Executive Engineer, Presidency Division.

No. 375 C., Public Works.

Referred to the Military Department, for favor of information whether His Excellency the Commander-in-Chief and the Government have any objection to the proposal to convert the mule lines on the roads into Post office stables.

CHEPAUK, (Signed) J. SHAW-STEWART, Colonel, R.E.,
18th February 1884. Secretary to Government, P.W.D.

No. 781, Military.

Referred to the Commissary-General for report through His Excellency the Commander-in-Chief (Quartermaster-General's Department).

(By Order.)

FORT ST. GEORGE, (Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
18th February 1884. Offg. Secretary to Government.

From Colonel B. H. W. MAGRATH, Commissary-General, to the Quartermaster-General, Ootacamund, dated Madras, 28th March 1884, No. 7926.

The committee appointed in G.O., No. 3464 of 3rd December 1883, to select a site for the Post office stables at Madras advocate the conversion of the present mule lines for that purpose, on the grounds of economy and convenience, and as their recommendation will probably meet with the approval of Government, I have the honor to enclose, for submission to His Excellency the Commander-in-Chief, a sketch of some Government land on which I believe it would, from every point of view, be most advantageous to locate the transport establishment of this district.

2. For many years this question has been cropping up but no definite solution has ever been arrived at.

3. Originally it was intended to make lines for all the cattle and their attendants at Washermanpettah; plans and estimates were prepared by the Public Works Department, but that fell through.

4. Subsequently Government sanctioned the erection of the present mule lines, and it was intended to concentrate all the transport in the same place; this scheme has also fallen through.

5. Nothing can be more unsatisfactory than the state of affairs now; the draught bullocks with their carts and attendants are at Washermanpettah where the transport officer cannot exercise a proper supervision over them; the mules are on the beach, but their attendants live two miles away; the non-commissioned officer who should superintend the feeding of all the cattle daily cannot do so as the two lines are so far apart; the bullocks have on an average to go three miles to their work and after their work is over have to return the same distance, thus entailing much additional labor which the cattle should be spared; it is impossible to comply promptly with emergent requisitions, the cattle lines being so far away from indenting officers; in fact, there can be no method, no supervision and no economy, as long as the transport cattle are kept where they are.

6. His Excellency will see by a reference to the plan that the land required by this department for mule, bullock and attendant lines is but a small corner, the alienation of which for this purpose cannot injuriously interfere with any one.

7. The situation is very central and in every respect the best available in Madras; it is a mile closer to the Fort than Washermanpettah, and nearly five miles closer to the Bakery, St. Thomas' Mount, Pallavaram and Poonamallee; it is further from the Commissariat stores where transport cattle have a good deal of work, but even this one drawback will cease if my suggestion of moving the office of the Executive Commissariat officer, Madras, into the Fort is carried out.

8. I trust His Excellency will be pleased to apply to Government for this land and that he will be good enough to use his influence to have the lines erected as soon as possible.

From Colonel B. H. W. MAGRATH, Commissary-General, to the Secretary to Government, Military Department, Fort St. George, dated Madras, 21st February 1884, No. 2832 T.B. (through the Quartermaster-General).

In returning the proceedings of a committee appointed to select a site for the stables of the new Post office, referred for report under your endorsement, No. 791, dated 18th February 1884, I have the honor to state, with reference to the proposal therein made, that, with the following proviso, there is no objection to the present mule stables being surrendered for that purpose.

2. In appendix Y, it is estimated that a sum of Rs. 14,000 would be sufficient to erect similar mule stables elsewhere. This estimate will require confirmation when the new site has been selected.

3. An estimate of about Rs. 81,776 has been sanctioned by Government for the erection of stables and quarters for animals and attendants as per margin, and plans have been submitted by the Chief Engineer, and approved of by this office, for their construction; the site of the new mule lines should therefore be chosen so as to admit of the proposed additions being carried out when funds are allotted. The committee have been misinformed that extra accommodation is required for 500 more mules; such is not the case.

Sheds for 206 bullocks, 100 carts, 23 trollies, 12 sick carts, 6 doolies.
1 Gram boiling shed.
1 Cross shed.
1 Guard room.
1 Gram cooking room.
1 Store room for grain.
1 do. for dead articles.
2 Drinking troughs.
Quarters for 10 petty officers, 179 attendants.

4. The present mule stables cannot be given up until the proposed stables in their stead have been suitably built upon an approved site. For if they were given up now there would be no shelter for the mules while new stables were under construction, and it is more than likely that there would be considerable delay in even allotting funds for the purpose.

No. 2112.

Forwarded, with the suggestion of His Excellency the Commander-in-Chief that, whatever amount may be required for new stabling for mules of the transport department be provided from funds which are available from the grant for the Post office buildings, the present mule stabling in the beach being made over for Post office purposes when the new ones are completed.

2. The cost of acquiring a site for the new mule stables, &c., should likewise be met from the grant for the Post office buildings, the site originally set apart for these stables being now required for Post office purposes.

3. A letter, No. 7526, dated 28th instant, from the Commissary-General on the subject of a site for the new stabling, &c., is herewith forwarded for the consideration of Government.

(By Order.)

OOTACAMUND, 1st April 1884. (Signed) R. C. STEWART, Brigadier-General, Quartermaster-General.

No. 1335, Military.

Transferred to the Public Works Department and the referred papers returned.

The Government in the Military Department have no objection to the arrangement, provided the expenditure already incurred on the present mule stables be written back to Military.

2. The site proposed by the Commissary-General for cover for the whole of the Military transport located at Madras is approved.

(By Order.)

FORT ST. GEORGE, 8th April 1884. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Offg. Secretary to Government.

From W. R. CORNISH, Esq., F.R.C.S., C.I.E., Surgeon-General with the Government of Madras, to the Chief Engineer, Public Works Department, dated Ootacamund, 7th May 1884, No. O-47.

With reference to your letter, No. 86 F., dated the 5th instant, I have the honor to inform you that in my opinion the site proposed for the erection of stables for the Commissariat mules on the Pudupet maidan will not inconvenience the new ophthalmic hospital, if arrangements are made for proper conservancy.

2. The plan is herewith returned as requested.

ORDER—dated 19th May 1884, No. 1261 W., Public Works.

After careful consideration of the various proposals which have been made for providing the requisite stabling accommodation in connection with the new Post office at Madras, the Government are of opinion that the present Commissariat mule stables on the beach should be availed of, other accommodation being provided from Postal funds for the Commissariat mules on the Pudupet maidan the property of Government. The Surgeon-General is of opinion that the proposed site on the Pudupet plain will be unobjectionable so far as the new ophthalmic hospital in the same locality is concerned, provided arrangements are made for proper conservancy.

2. The Consulting Architect to Government will now, in communication with the Commissary-General, frame the requisite estimates for new mule stables, the cost of which should be added to separate estimates which should be drawn up for adapting the existing mule stables for Postal purposes.

3. The new mule stables should first be taken in hand, and, on their completion, the stables on the beach will be vacated and the requisite alterations to them carried out.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with plans and estimates.
" Superintending Engineer, V Circle.
" Military Department.
" Financial "
" Examiner, Public Works Accounts.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of |1884| Madras.

PUBLIC WORKS.

Dated May, 19th.

Recd. *Encl.*

G.O., 19th May 1884, No. 1261 W.

MAY.

Stables

Estimates called for for adapting the present Commissariat mule stables on the beach as — for the new Post office, Madras; and for building fresh ones for the mules on the Padupet maidan.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, Administrative Department, to the Chief Secretary to Government, dated Madras, 13th May 1884, No. 4620.

I have the honor to inform you that on the occasion of my recent inspection of the southern ports, in April, I took Mr. Massey, of the Napier Iron Works, with me to Pondicherry, and there went into a thorough examination of the iron pier and carefully studied its construction. Mr. Massey's estimate for the Vizagapatam pier of 630 feet was practically the lowest, as it embraced construction and all the necessary plant, &c. The Pondicherry pier is admirably built and combines all the attributes necessary for a pier at Gopalpur. Mr. Massey, after his inspection, requested permission to send in a plan and estimate for a pier at Gopalpur of 900 feet in length and 20 feet breadth, which he has now sent in, and are forwarded with his letter. It will be seen that an admirable method of strengthening the Pondicherry pier is adopted by carrying out projections resembling the T head at intervals of 200 feet. This method admits of stages being easily arranged for the loading of boats without delay or risk of wetting cargoes: this Mr. Massey has incorporated in his plan. All the plant, railways, turn-tables, buttress at the shore end, accommodation ladders, &c., are included in the estimate, which he has placed at the modest amount of two lakhs of rupees. This is so satisfactory an offer in every way, and agrees so completely with the French estimate for the extended Pondicherry pier, also two lakhs, that I would respectfully suggest that for Gopalpur the plan and estimate might be adopted. It is hardly necessary to point out that much time would be saved by the engineer being in Madras, and that references and suggestions could be readily interchanged during the construction. Moreover, it would be a satisfaction to be able to avoid the remarks that would be passed, and the explanation that would be called for, if the work was given to a French firm. I believe Mr. Massey's means and the facilities given by his extensive workshop in Madras are all Government could desire. As regards the interests of Gopalpur, the estimate of two lakhs is so much more favorable than any sum the community have as yet considered, that it would be a great relief to them to have the matter settled on such favorable terms. The work could be commenced in about three months and completed probably in eighteen months, a great saving in time, which is another important advantage. I propose leaving Madras on three months' leave on the 24th of this month, so that I would respectfully suggest that a message by wire might be sent to me if this proposition receive favorable consideration from Government.

Enclosure.

From Messrs. MASSEY and COMPANY, to the Master Attendant, Madras, dated Madras, 12th May 1884.

We have the honor to submit, for your consideration, plan and estimate, amounting to Rs. 2,00,000, for a wrought-iron pier, 900 feet long × 20 feet broad, to be erected at Gopalpur.

Our estimate includes erection and pier and abutment; 2 cranes to lift 3 tons each and 1 movable crane of ½ ton, 6 turn-tables, and 2 metre-gauge lines running full length of pier. The pier piles are 5 inches diameter, of solid wrought iron screwed down as per plan to the usual

manner. Cross bracings of wrought iron 1¼ inches diameter with several fasteners braced together. Cross girders of wrought iron rolled beams 12 inches × 5 inches, bolted to cast-iron heads of piles. Longitudinal beams for flooring of teak or sal 12 inches × 10 inches bolted to cross girders. Flooring of sal 9 inches × 3 inches.

We estimate the work would take 18 months to complete, commencing operations three months after date of orders. Iron work to be paid for as delivered at Gopálpur at the rate of Rs. 180 per ton, and erection at Rs. 100 per running foot completed. Work to be passed and measured each month.

Should our plans and estimates meet with your approval and order handed to us, we will prepare full detail plans for approval.

Endorsement, Marine Department, dated 19th May 1884, No. 1070.
Letter from the Master Attendant, Madras, dated 16th May 1884, No. 4712.
Endorsement thereon in Marine Department, „ 19th „ „ „ 1071.
Telegram from His Excellency the Governor of the French Settlements in India, dated 12th April 1884.
Telegram from His Excellency the Governor of the French Settlements in India, dated 19th April 1884, No. 121.
Endorsement thereon in Marine Department, dated 19th May 1884, No. 1072.

Order—dated 19th May 1884, No. 1263 W., Public Works.

The Government are disposed to accept Messrs. Massey and Company's tender, amounting to rupees two lakhs, for the construction of the proposed pier at Gopálpur.

2. Messrs. Massey and Company will now be requested to place themselves in communication with the Superintending Engineer, I Circle, in view to a detailed estimate and specification for the work being drawn out and submitted to Government for formal sanction and appropriation of funds.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with plan.
„ Examiner, Public Works Accounts.
„ Master Attendant, Madras.
„ Marine Department.
To Messrs. Massey and Company.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 19th.

Recd. *Rech.*

G.O., 19th May 1884, No. 1263 W.

MAY.

Pier at Gopalpur

Accepting the tender of Messrs. Massey and Company for the construction of the proposed —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 11th May 1884, No. 68-A—(through Military Department):—

With reference to G.O., No. 2413 W., dated 16th September 1882, Public Works Department, sanctioning an estimate, amounting to Rs. 4,030, for reroofing and repairing the barrel machine shop at the Gun Carriage Factory at Madras, I have the honor, by order, to submit the enclosed correspondence* from the Inspector-General of Ordnance representing that the roof of a shed in the factory in which machinery for making gunpowder barrels is kept requires urgent repairs, and which the Executive Engineer is unable to carry out for want of funds.

* No. 1098, dated 7th May 1884, with enclosures.

2. As it is reported that delay in the execution of the repairs before the rains set in will cause cessation of work in the factory and thereby cause financial loss to the State, I am to request that Government may be moved to allot the necessary funds to execute the repairs in question.

No. 2246, Military.

Forwarded.

Ootacamund, 12th May 1884. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Officiating Secy. to Government.

Order—dated 21st May 1884, No. 1269 W., Public Works.

Communicated to the Superintending Engineer, V Circle, for immediate execution of the work of reroofing the barrel machine shop at the Gun Carriage Factory, estimated to cost Rs. 2,795. The requisite allotment of funds will be made hereafter from the residue of the grant for minor works.

2. The reflooring of the machine shop, estimated to cost Rs. 1,235, must be postponed until funds are available.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department, with three enclosures.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 21st.

Read. Read.

G.O., 21st May 1884, No. 1269 W.

MAY.

Gun Carriage Factory, Madras.

Ordering the immediate execution of the reroofing of the barrel machine shop at the —, and the postponement of the reflooring of the same till funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Ulapâk, 1st May 1884, No. 428 :—

I have the honor to submit for sanction an estimate of Rs. 812 for constructing a dead-house for the depôt hospital at Pallávaram.

1 Estimate.
1 Report.
1 Specification.

2. This is one of the three dead-houses for Pallávaram, entered as item 30 in the list of Military Major Works proposed for execution in 1884-85, appendix to G.O., No. 3032 W., dated 24th October 1883.

3. The estimate was received by me prior to the issue of G.O., No. 486 W., dated 21st February 1884, and I send it direct as it has already been approved by His Excellency the Commander-in-Chief.

No. 119 E.

Submitted for the approval of Government in the Military Department.

Ootacamund, 10th May 1884.
(Signed) J. SHAW-STEWART, Colonel, R.E.,
Chief Engineer, P.W.D.

No. 2242, Military.

Approved.

(By Order.)

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.
12th May 1884.

Order—dated 21st May 1884, No. 1271 W., Public Works.

The estimate, amounting to Rs. 812, for constructing a dead-house for the depôt hospital at Pallávaram, is sanctioned.

2. This sanction has been registered as Imperial Ordinary No. 8 W. of 1884-85 and classified as Military, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with four enclosures.
„ Examiner, Public Works Accounts.
„ Military Department.

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 21st.

Recd. *Enct.*

G.O., 21st May 1884, No. 1271 W.

MAY.

Depot Hospital, Pallavaram

Estimate of Rs. 812 for constructing a dead-house for the —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 10th May 1884, No. 322 E.W. :—

I have the honor to forward herewith, for your information, correspondence regarding the disused munsif's court at Mulki, and to request you will be good enough to obtain sanction for the transfer of that building, now in charge of this department, to the Registration department for use as a sub-registrar's office, as requested by the Inspector-General of Registration.

ENCLOSURE.

From J. E. DAVIDSON, Esq., Executive Engineer, Coimbatore Division, to the Superintending Engineer, IV Circle, dated Coimbatore, 5th May 1884, No. 1047.

As the abolished district munsif's court at Mulki, South Canara district, is required as a sub-registrar's office at that place by the Inspector-General of Registration in his letter, No. 1180 of 29th April 1884 (copy enclosed), I have the honor to request you will be good enough to obtain the sanction of Government to have the building transferred to the Registration department.

ORDER—dated 21st May 1884, No. 1272 W., Public Works.

The transfer to the Registration department of the disused district munsif's court at Mulki is sanctioned.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras,

PUBLIC WORKS.

Dated May, 21st.

Recd. *Encl.*

G.O., 21st May 1884, No. 1272 W.

MAY.

Disused Munsif's Court at Mulki

Sanctioning the transfer of the — to the Registration department.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Rámanmalai, 12th May 1884, No. 274:—

I have the honor to request sanction for the transfer of the unoccupied district munsif's court-house at Adóni, Bellary district, to the Postal department.

2. The building has been vacated on account of the abolition of the court at Adóni; and the Postmaster-General proposes to utilize the same as a Post office, which is now located in a private building on a monthly rental of Rs. 5.

3. It has been ascertained from the Collector that the building is not likely to be needed again by the Judicial or Revenue department.

ORDER—dated 21st May 1884, No. 1273 W., Public Works.

The transfer to the Postal department of the disused district munsif's court at Adóni is sanctioned.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Postmaster-General.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 21st.

Read. *Read.*

G.O., 21st May 1884, No. 1273 W.

MAY.

Disused Munsif's Court at Adoni

Sanctioning the transfer to the Postal department of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 3rd May 1884, No. 520 G.:—

In reply to your letter, No. 1007 W., dated 18th April 1884, I am directed to communicate sanction to the appointment of Sub-Conductor J. Cormae, Sub-Engineer, 2nd grade, as a temporary Engineer on Rs. 450 per mensem under the terms of Public Works Department Resolution, No. 27 G., dated 5th January 1884—the appointment to count against the sanctioned appointment of Rs. 450 for the No. II Tanks Division.

2. I am to request that the date of Mr. Cormae's appointment may be reported to this office.

Order—dated 21st May 1884, No. 1274 W., Public Works.

Communicated to the Superintendent of Works, Tank Maintenance.

2. The date on which Mr. Cormae joins his appointment should be reported.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Tank Maintenance Scheme.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May 21st.

Read. *Encl.*

G.O., 21st May 1884, No. 1274 W.

MAY.

Sub-Conductor J. Cormac

The sanction of the Government of India to the appointment of —, Sub-Engineer, as a temporary Engineer on Rs. 450 per mensem, communicated to the Superintendent of Works, Tank Maintenance.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from J. C. JOHNSTON, Esq., Assistant Engineer, to the Chief Engineer for Irrigation, dated Madras, 9th May 1884 :—

With reference to G.O., dated 1st October 1883, No. 735 I., I have the honor to explain as follows :—

To be brief, my explanation will mainly refer to paragraph 4 of your note accompanying the above Government order, where it is concluded that bad work was done through ignorance of what good work ought to be. I will, however, premise that bad work is often due to incomplete supervision.

2. My instructions to the overseer were in these words :—"The concrete apron is to be laid in layers 3 feet wide and 2 feet thick parallel to anicut." I admit that the wording of this order is not sufficiently plain in itself, and is therefore liable to misconstruction; but the overseer ought to have known the general printed rules regarding the thickness of layers of concrete to be laid on and rammed and my verbal explanations and directions and, I think, subsequent detailed orders in writing supplemented what may have been defective in the orders in outline. My idea was to build up the apron in blocks or strips 3 feet wide, commencing from the lower end, and each strip or block to be formed in layers of concrete rammed from the bottom as each layer was laid on, till the whole was 2 feet thick.

3. This is how that part of the work was done, which, I infer from the overseer's report, has stood, and which was superintended by me personally and by the overseer to whom I gave explanations in detail. But the parts destroyed seem to have been constructed as if the word "layers" in the order was qualified by the words "2 feet thick ;" an inadmissible construction, because the whole of the concrete work was but 2 feet thick. The fact that the portions supervised by me and the overseer, whom I had instructed, stood when unsupported in consequence of the destruction of the rest, would show that these portions could not have been weak. For even good work is liable to be carried away in company with bad, when the latter fails.

4. An inspection of the diagram accompanying overseer's report, No. 95, dated 20th July 1883, will show that the portions of apron washed away were those superintended by the maistry himself.

5. The matter resolves itself therefore into one of defective supervision. While the concrete work was in progress I could and did visit it but once, and I saw some of the work done as I meant it to be done, and then, if I remember aright, I asked the overseer why he was not using the iron rammers issued to his office. He promised he would use them; but as I was anxious about the work, I wrote to him shortly afterwards from head-quarters asking whether he had carried out my orders. His reply was to the effect that the iron rammers had been issued. In my demi-official to Mr. Grimes, I asked for copies of my docket to the overseer and his reply, but they have not been sent to me.

6. To support the conclusion arrived at in the preceding paragraph, I beg to state that of my three assistants—Mr. McAlister, in charge of the Madura sub-division, Mr. Littlewood, in charge of Dindigul sub-division, and Mr. Supervisor Taylor in

charge of Tirumangalam taluk or head-quarter sub-division—the first had been
removed; Mr. Taylor, of Tirumangalam, from want of knowledge and experience of
irrigation works and from frequent and almost continual illness, gave little or no help;
while Mr. Littlewood was ill and could not work. I did not fail to report my troubles
to the Superintending Engineer, but I received no reply or help. I had practically,
therefore, the whole work of the division in my hands for several months, and could
not possibly give each individual work the necessary attention. The estimate for the
Paranai was framed when I had a full staff of, as I thought, good assistants; but
during the carrying out of the work I was short-handed and with assistants who could
not assist.

7. I beg to notice that the accident took place on the 8th of May, and that I left
Madura on the 24th of May. I cannot understand why it was not reported to me. If
it had been, I would certainly not have gone on furlough till all had been rectified or
explained while the circumstances were fresh in my memory.

Order—dated 21st May 1884, No. 1275 W., Public Works.

In the above letter Mr. Johnston furnishes the explanation called for in G.O., No. 795 I., dated 1st October 1883, with regard to the failure of the Paranai anient in the Madura district. After careful consideration of all that has been brought forward, the Government are willing to admit that the failure was due mainly to defective supervision, but are unable to acquit Mr. Johnston altogether of blame in the matter.

2. There is no doubt that the material used for great part of the work was inferior; and though the work done under Mr. Johnston's personal supervision is said to have stood well, the instructions left by him to the overseer in charge were so loosely worded as to be misleading. Moreover, although Mr. Johnston's assistants were incapacitated by sickness, it cannot be considered creditable to the Executive Engineer that his subordinates had been so badly trained that they used bad materials and wrong methods of construction immediately they were relieved from his actual presence. A good executive officer makes good subordinates, and cannot exculpate himself by throwing the blame on them when a work fails.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with copy of G.O., No. 795 I., dated 1st October 1883, with five enclosures referred to in G.O.,

" " " VI " No. 795 I., dated 1st October 1883, and three enclosures received with Superintending Engineer's letter, No. 37 M.D., of 23rd April 1884.

" Chief Engineer for Irrigation.

GENERAL
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 21st.

Recd. *Encl.*

G.O., 21st May 1884, No. 1275 W.

MAY.

Mr. J. C. Johnston

The Executive Engineer — censured in connection with the failure of the Paramai anicut, in the Madura district.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bimandrug, 14th May 1884, No. 900:—

I have the honor to request that an allotment of Rs. 1,200 under Repairs, Provincial, may be granted for the Cuddapah division, in order to meet an estimate of Rs. 1,253 for renewing the terrace roof of the English record-room of the sessions court-house.

2. The District Judge is anxious to have this work carried out at once, as the roof is in a very bad state and leaks all over during rains.

3. The grant of Rs. 1,500 under Repairs, Provincial, is required for other works during the year.

Order—dated 21st May 1884, No. 1275 W., Public Works.

The sum of Rs. 1,200 is appropriated from the grant with Government under Provincial, Repairs, for renewing the terrace roof of the English record-room of the sessions court-house at Cuddapah.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Judicial Department.

GENERAL.
ACCOUNT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 21st.

Read. Read.

G.O., 21st May 1884, No. 1276 W.

MAY.

Sessions Court-House, Cuddapah

Rs. 1,208 appropriated for renewing the terrace roof of the English record-room to the—.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From L. R. BURROWS, Esq., President of the Local Fund Board, Nílgiris, to the Secretary to the Board of Revenue, dated Ootacamund, 4th April 1884, No. 21.—Through the Superintending Engineer, IV Circle, Coimbatore.

I have the honor to submit plans and estimate, for Rs. 2,20,000, for re-formation of the Ootacamund-Gúdalúr road, for the sanction of the Board of Revenue.

2. The resolution of the circle board, passed at its meeting held on the 31st March 1884, sanctioning the estimate, is herewith enclosed for the information of the Board and Government.

ENCLOSURE.

Extract from the proceedings of a meeting of the Nilgiri Local Fund Board held on Monday, the 31st March 1884.

* * * *

No. 4. Read letter from the Local Fund Engineer, Nílgiris, No. 432, dated 12th March 1884, submitting estimate and plans for the re-formation of the Mettupálaiyam-Gúdalúr road.

The estimate, which amounts to Rs. 2,20,000, will be submitted to Government through the Superintending Engineer, IV Circle.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 25th April 1884, No. 194 E.W.

With reference to G.O., No. 1417 W., of 14th May 1883, I have the honor to forward, for sanction, five plans and one estimate, with specification, amounting to Rs. 2,20,000, for improving and metalling the road from the municipal limits of Ootacamund towards Gúdalúr, submitted by the Local Fund Board, Nílgiris. The total length of the portion now being dealt with is 28 miles.

2. The estimate has been examined and found correct. It includes all the work that has been done since the commencement of the improvement of this line, &c., from April 1880, together with the work yet required to complete it, viz.:—

	RS.
I. Road—	8,088
Widening	8,025
Forming and sectioning	1,48,650
Metalling	2,310
Catch-drains, 29 miles	6,907
Roughstone revetment and parapets	16,808
Blasting	3,555
Hutting	
	1,94,410
	2,239
II. Reconstructing the Pykara bridge, 12th mile	1,889
III. Do. the culvert, 18th mile	1,550
IV. 60 Roughstone culverts for surface drainage	4,411
V. Tools and plant	13,227
VI. Petty supervision	5,250
VII. Contingencies	
Total ...	2,30,000

3. The total allotment given from 1880-81 for this work has been Rs. 1,40,063, and the expenditure up to 31st March 1884 was expected to amount to Rs. 1,17,960.

4. The accompanying report shows in detail the works carried out up to March 1884 and those yet to be done.

5. The letter from the President, Local Fund Board, Nilgiris, to the Secretary to the Board of Revenue, and the resolution of the Local Fund Board therein alluded to are also forwarded.

Note by the Chief Engineer, Public Works Department.

The Superintending Engineer, IV Circle, submits, with the above letter, estimates, amounting to Rs. 2,30,000, for improving and metalling the road from the municipal limits of Ootacamund towards Gudalur, a length of 29 miles. The road forms a portion of the main trunk line from Mettupalaiyam, the charge of which will, under G.O., No. 1111 W.-A., dated 3rd May 1884, be assumed by the Public Works Department from the 1st April 1885.

2. Large grants from Provincial funds have already been made for the work, the total expenditure thereon, up to the 31st March 1884, being stated at Rs. 1,17,960; while a further grant of Rs. 30,000 is provided in the Provincial budget for expenditure by the Local Fund Board during the current official year. The estimates now submitted include previous outlay.

3. The estimates provide for widening the road, where practicable, to a breadth of 18 feet and metalling the whole length to a width of 15 feet, the depth of metal for the first 21 miles being six inches and for the remaining 8 miles four inches. Revetments and culverts are to be provided, where necessary; the Pykara bridge and a small bridge in the 19th mile reconstructed; and the drainage arrangements completed.

4. The Chief Engineer is of opinion that the provision of only four inches of metal for the last 8 miles is insufficient on a road of this character, even though the soil along this section is said to be of "a firmer and harder nature" than along the first 20 miles. He would propose six inches being laid in the first instance, notwithstanding the larger outlay involved.

5. The cross sections show most of the sides of cuttings and side-cuttings to be vertical. Whether this is feasible, more especially in soil said to be "very friable and very porous," is open to doubt. On such a section as that numbered 145 on the 10th mile, the vertical scarp 20 feet high, with a steep hillside above, will be dangerous to the work-people who will have to form it, and afterwards to the traffic. Such sides are liable to be undercut or undermined sooner or later. It is to be noted that the

road was wrecked in many places in 1882-83. This is not to be wondered at, having in view the perfectly vertical sides and the catch-drains of such small capacity as that allowed ($2\frac{1}{4}' \times 1\frac{1}{2}'$) and cut in many places much too near the scarp edge. The specification no doubt provides that the catch-drains be distant from the edge not less than 15 feet, but the sections show them much nearer. On hillsides it is better to dispense with catch-drains altogether than have them too small and too near the edges of scarps.

6. Side-drains are not shown on the sections, nor are they estimated for. It is presumed that they will be cut from the allowance for formation, or from the annual maintenance grants.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 23rd May 1884, No. 1285 W., Public Works.

The estimate, amounting to Rs. 2,20,000, for improving and metalling the road from Ootacamund to Gúdalúr, is sanctioned.

2. The remarks and suggestions of the Chief Engineer in the note recorded above should receive attention.

3. During the current official year the work will be continued by the Nílgiri Local Fund Board; and the unexpended balance of the estimate on the 31st March 1885 will be worked out by the agency of the Public Works Department.

4. This sanction has been registered as Provincial No. 44 W. of 1884-85, and classified as Communications, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with seven enclosures.
" Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Read.*

G.O., 23rd May 1884, No. 1285 W.

MAY.

Road from Ootacamund to Gudalur

Estimate of Rs. 2,91,200 for improving and *widening the —*, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers:—

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Dowlaishweram, 13th February 1884, No. 3561 G.D.

As requested in your memorandum, No. 1215 G.D., of the 21th January 1884, I have the honor to submit, herewith, for sanction, a statement in the prescribed form showing the proposed increases and decreases in the water regulation and navigation establishment in the Godávari district as entered in the budget estimate sent from this office for 1884-85.

No. 36 S.W.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that the increase of establishment applied for by the Superintending Engineer, I Circle, may be sanctioned.

CHEPAUK,
18th March 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Acting Chief Engineer for Irrigation.

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Dowlaishweram, 20th March 1884, No. 5665 G.D.

With reference to my letter, No. 3351 G.D., and the statement therewith forwarded, I have the honor to state that the establishment for Tallapudi lock at the end of back canal in the Eastern division will be required from the 15th May next, when the canals re-open, and to request you will be good enough to obtain the sanction of Government to the same as early as practicable.

2. In the budget estimate* for 1884-85 and in the remark 2 in the above-quoted statement it was by mistake stated that this establishment would be required for four months only in 1884-85.

* Productive Public Works.

No. 29 E.W.

Forwarded to the Chief Engineer, Public Works Department, in continuation of this office endorsement, No. 26 E.W., dated 18th March 1884.

(Signed) A. S. RUSSELL,
for Ag. Chief Engineer for Irrigation.

CHEPAK,
28th March 1884.

From Captain C. C. RAWSON, R.E., Executive Engineer, in charge I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 26th April 1884, No. 294 G.D.

With reference to your memorandum, No. 5 E., of the 10th April 1884, I have the honour to return herewith the statement recast in your office duly verified, together with the original statement received with the above memorandum, and to request you will be good enough to obtain the sanction of Government to the same as early as practicable.

2. I beg to point out that the increase given to certain delta superintendents is only Rs. 35 and not Rs. 65 as shown in the recast statement, because the increase of pay sanctioned in G.O., No. 238 W., of 28th January 1884, to delta superintendents P. Arunachelam and C. Sitaramudu, who were of the first grade, was a mistake, and this error has been rectified in G.O., No. 771 W., of the 22nd March 1884. The necessary corrections are therefore made in the statement in red ink.

ENCLOSURE.

STATEMENT of Proposition for Revision of the Anicut and Conservancy Establishments of the Godavari Delta.

Orders sanctioning Present Establishment—Government of Madras, Public Works Department: Number	Date	Nature of Charge—Present Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average cost	Nature of Charge—Proposed Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average cost	Permanent: Increase per Month: Amount	Permanent: Decrease per Month: Amount	Temporary: Increase per Month: Period	Amount	Temporary: Decrease per Month: Period	Amount	Remarks by Local Government
238 W. 711 W.	1884 28th Jan. 22nd Mar.	167	Water Regulation .. Add—Difference of pay (increase given to Godavari Delta Superintendents).	RS.	RS.	RS.	RS. 2,964 35	167	Water Regulation .. Add—Difference of pay (increase given to Godavari Delta Superintendents).	RS.	RS.	RS.	RS. 2,964 35	RS.	RS.	.. ..	RS.	.. ..	RS.	
									WESTERN DIVISION. *Nile Canal.*											
								1	Lascar for weir to be built at head of Nalabolu.	..	..	..	6	6	..	..	..	..	..	
			Total ..	..	..	..	2,999	168	Total ..	..	..	..	3,005	6	..	..	..	..	..	
		167	Net Increase ..	..	..	..	..	1	....	..	..	..	..	6	..	..	..	..	..	
		252	Navigation	..	..	..	1,767	252	Navigation	..	..	..	1,767	..	..	..	..	..	..	
									GODAVARI EASTERN DIVISION. *Sea Canal.*											
								1	Superintendent for Tallapudi sluice at end of canal.	..	..	..	10	10	..	..	..	..	..	
								2	Lascars for do. at 8 Rs. each	..	..	..	16	16	..	..	..	..	..	
								1	Lascar for do. at Rs. 6 ..	..	..	..	6	6	..	..	..	..	..	

Statement of Proposition for Revision of the Annicut and Conservancy Establishments of the Godávari Delta—*cont.*

Orders sanctioning the present establishment—Government of Madras, Public Works Department		Nature of Charges												Proposals						Remarks by Local Government
		Present Scale						Proposed Scale						Permanent		Temporary				
				Pay						Pay				Increase per Month	Decrease per Month	Increase per Month		Decrease per Month		
Number	Date	Number	Designation	Minimum	Increment	Maximum	Average cost	Number	Designation	Minimum	Increment	Maximum	Average cost	Amount	Amount	Period	Amount	Period	Amount	
				Rs.	Rs.	Rs.	Rs.		Godavari Western Division.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.		Rs.	
			Bank Grant.						Conservancy and Ferry Grant.											
		1	Lock Superintendent for Dummagudem Lock	..	..	..	9	1	Superintendent for Ferry boat	..	..	..	5	..	..	..	..	..	..	
		2	Lascars for do. at Rs. 6 each	..	..	..	12	3	Lascars, one of Rs. 6 and two of Rs. 6	..	..	..	18	..	3	..	..	..	..	
			Increase of pay to Dummagudem Work Superintendent	..		..	4		....	..	..	..	..	..	4	..	..	..	..	
			Central Division.																	
			Bank Grant.																	
		1	Superintendent at head of canal	..	..	..	5		....	..	..	..	..	..	5	..	..	..	..	
		257	Total ..	..	..	..	1,756	261	Total ..	..	..	..	1,914	25	16	..	..	..	..	
			Net increase ..	..	..	..		4	....	..	..	..	..	19		..	..	..	..	
		114	Total Water Regulation and Navigation Establishments	..	..	..	4,106	118	Total Water Regulation and Navigation Establishments	..	..	..	4,119	..	..	..	..	..	..	
			Total Net Increase ..	..	..	..	..	4	....	..	..	..	..	2[illegible]	..	..	..	..	..	

From the Examiner of Public Works Accounts, dated 15th May 1884, No. 116.

Order—dated 23rd May 1884, No. 1536 W., Public Works.

The revised statement of water regulation and navigation establishment of the Godávari delta is sanctioned as proposed by the Superintending Engineer.

2. This sanction has been registered as Provincial No. 15 W. of 1884-85 and classified as "Establishment, Permanent."

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Endt.*

G.O., 23rd May 1884, No. 1286 W.

MAY.

Godavari Delta

The revised statement of water regulation and navigation establishment of the —, sanctioned as proposed by the Superintending Engineer.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads,
Civil Works.

READ—the following paper:—

G.O., dated 17th May 1884, No. 2076, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 8th May 1884, Mis. No. 3791:—

Read—the following letter from the Collector of South Arcot, to the Secretary to the Board of Revenue, dated 23rd April 1884, No. 191:—

So far back as the 24th June 1874 the necessity for a new taluk cutcherry at Villupuram was admitted, as may be seen from the list of buildings most urgently required in all districts given in the Proceedings of the Madras Government of the above date, No. 1591, Public Works Department, but no cutcherry has yet been built. Steps are being taken to have an estimate for a new building prepared and land has been selected for it. The greater part of this land belongs to Government, but in order to have the proposed new cutcherry facing the main road it is necessary to acquire two acres of land which the owners have agreed to part with for 252 rupees, which is considered a reasonable price. Though the estimate has not been prepared, the Executive Engineer requested the Superintending Engineer to provide the money for the acquisition of the land, as it has been found from experience that land selected for public buildings changes hands frequently before the money required for the construction of the buildings has been found, and the price is run up to an exorbitant amount in the expectation that Government will pay whatever is asked, because it requires the land. The Superintending Engineer, however, replied he could not pay the bill submitted to him when there was no allotment of funds. I have therefore the honor to request that the Board will be pleased to move Government to sanction the payment of the compensation at once to prevent the possibility of the price being greatly enhanced if the land is not taken up till the work of building is to be commenced. The estimate and the site plan are herewith submitted.

Resolution—dated 8th May 1884, Mis. No. 3791.

Submitted to Government with the request that the necessary allotment of funds be sanctioned.

Order—dated 17th May 1884, No. 2076, Revenue.

The estimate for the building will be awaited.

2. There is no necessity for the immediate acquisition of the land, which can always be acquired at a fair price under the Land Acquisition Act, if necessary.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

Order—dated 23rd May 1884, No. 1257 W., Public Works.

Communicated to the Superintending Engineer, V Circle, who will submit the required estimates as soon as practicable.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Encl.*

G.O., 23rd May 1884, No. 1287 W.

MAY.

Taluk Cutcherry at Villupuram

The Superintending Engineer, V Circle, directed to submit the estimate for a new —, South Arcot District, as soon as possible.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following letter from Lieutenant-Colonel H. R. Mead, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Kodaikanal, 9th May 1884, No. 65 M.D.:—

In forwarding the accompanying correspondence for your perusal, I have the honor to request that you will be good enough to obtain the orders of Government to charge off to the estimate for the Gudalur-Pumbed ghât the value of the missing materials at the site of the work, amounting to Rs. 1,262-5-3.

1 Madura divisional officer's original letter, No. 2207, dated 4th December 1883.
1 Do. No. 3195, dated 25th February 1884.
(The two original letters to be obligingly returned.)

2. The circumstances of the case are as follows:—

In G.O., No. 153 W., of 13th January 1882, sanctioning the estimate of Rs. 72,148 for the road, the Government directed the execution of the work by the Local Fund Board, Dindigul Circle, and on receipt of this Government order, Colonel Beatty issued orders that the collection of materials, which was then in progress, by this department should be stopped without delay, and payments outstanding should be made at the earliest possible date.

On receipt of this memorandum, arrangements were made to measure up the materials supplied by the contractor and to pay him off. This was done in March 1883.

In June 1883 a statement of materials at site, with a copy of work-voucher for March 1882, was sent to Mr. Hardy by the Executive Engineer; and Mr. Hardy, in his reply, stated that his overseer has taken over charge of all materials collected under petty contract from the overseer of Periyakulam, and that the materials collected by the contractor, Mr. Lee, were found to coincide with the measurements, but the materials collected by departmental agency are not all to be found, and no further steps were taken by Mr. Johnston to verify Mr. Hardy's statement; but in one of his letters to the Vice-President, Local Fund Board, Mr. Johnston states "that Mr. Hardy may use all or none of the materials collected, and that he is responsible neither for the quality nor for any excess which may occur consequent on the utility or otherwise of the materials collected by this department," and states, at the same time, that "knowing as I do all the facts of the case," he does not consider the Periyakulam overseer to be "in the least degree responsible for any short materials."

In October 1883, the present Executive Engineer forwarded to the President, Local Fund Board, a statement of materials at site, and requested him to report whether any of the materials enumerated in that statement were used on the work, and, if so, to what sub-heads they were charged; and the President, in reply to that letter, forwarded the Local Fund Engineer's letter, in which he states that none of the materials has been utilised, and when used he would note the sub-heads of the works to which they should be charged, and concludes by saying that he declines to accept the statement sent by Mr. Grimes except a few items, and that the materials collected departmentally are unfit for use, and some of the materials are not to be found.

On receipt of the Executive Engineer's first letter, No. 2567, of 4th December 1883, I called upon him to furnish further information on the subject, and his letter, No. 3195, of 25th February 1884, is the reply, from which you will see that the materials handed over to Mr. Hardy were those collected by the contractor, and that the materials collected departmentally were only pointed out by Mr. Johnston to Mr. Hardy and not finally handed over and a receipt taken as ought to have been done. Mr. Johnston could have easily done this and settled the matter finally when he was on the spot.

From the foregoing facts I believe you will agree with me in considering that serious irregularities and great carelessness have been displayed by all concerned in the execution of the work while in charge of this department. No care seems to have been taken to keep a proper account of materials supplied departmentally, and to distinguish those supplied by the contractor and the department. It is very probable that materials collected by the department and now missing are also included in the contractor's bills and paid for; but as this cannot be proved at this distant date, owing to the change of subordinates and absence of proper vouchers, I request that Government will be pleased to accord their sanction to charge the amount to the work.

In conclusion, I must say that it is very discreditable to Serjeant MacAlister, supervisor, Mr. J. M. Taylor, supervisor, Ramasawmy Pillay, the Periyakulam overseer, and Mr. Johnston, the then Executive Engineer in charge of the division, who were all concerned in the work.

Mr. Johnston evidently knew that materials were missing, and, as Executive Engineer in charge, he ought to have reported the matter as soon as he was aware of it; instead of doing this, he was content to leave the matter alone, and it was not until Mr. Grimes, the present Executive Engineer, had been in charge for some time that the matter came to his notice. Of course, it was then too late for there to be any hope of a satisfactory solution or of being able to fix any responsibility on anybody except Mr. Johnston, the Executive Engineer.

ENCLOSURE.

From J. GRIMES, Esq., Executive Engineer, Madura Division, to the Superintending Engineer, VI Circle, dated Madura, 4th December 1883, No. 2567.

I have the honor to lay before you the following circumstances in connection with the materials at site of the work "Completion of the road [illegible] ghât," which now amounts to Rs. 4,6[illegible], and to request the favor of your orders.

I.—In October 1882, I addressed a letter* to the President, Local Fund Board, pointing out the small outlay that was incurred on the work against the grant of Rs. 20,000 assigned for the current official year, and asking whether he would be able to utilise the full allotment or not; and, at the same time, I forwarded a statement of materials at site and requested him to report whether any of the materials in that statement were used on the work, and, if so, to note the sub-head of the estimate to which charged. In reply the President, Local Fund Board, informed† me that "arrangements have been made to fully utilise the current year's allotment" by the close of the year; and in paragraph 2 of the same letter he stated that the Local Fund Engineer, after personal inspection, will give the required information regarding the materials at site. Subsequently, I received another letter‡ from the President giving cover to a letter§ from the Local Fund Engineer to his address in which that officer states that "none of the materials enumerated in the list has been used on works up to date, or, if used, they have not been brought into the accounts;" but as a few masonry works are in progress on which these materials will be used, an account of them will be rendered in the bills that will be submitted, noting the sub-heads to which they have been charged. Then he goes on to say that "when the materials at site were originally handed over to Mr. Hardy by the Public Works Department, certain discrepancies were found which were then brought to notice by Mr. Hardy." Here he quotes certain correspondence between

* No. [illegible], dated 2[illegible]th October 1882.

† Dated, No. 763, dated [illegible] November 1882.

‡ No. 779, dated [illegible] November 1883.

§ No. 66, dated [illegible] November 1883, with copy of letter No. 532, dated 10th June 1882, from the Executive Engineer, Madura, to the Vice-President, Local Fund Board, Dindigul, and the statement of materials at site.

Mr. Hardy, the Vice-President, and Mr. Johnston, late Executive Engineer of this division, regarding these deficiencies, which will appear further on in this letter, and further says: "I confess that I cannot understand it, and I must decline to accept the statement sent by Mr. Grimes to you on the 25th ultimo except for the items marked with a star. The materials may have been at site when that statement was prepared, but from what data was it compiled, and when was it made out?" In conclusion, he remarks, with reference to the materials collected departmentally, that the bricks are unfit for use and some of the materials are not to be found.

2. In order that you may understand the reason for the Local Fund Engineer declining to accept the statement of materials at site such, I must solicit your kind attention to the following points bearing on the case:—

II.—During the time that this division formed a sub-division of the Trichinopoly division, the Superintending Engineer, III Circle, issued a memorandum * to Mr. MacAlister, the then sub-divisional officer, warning him of the fact that no work was to be done by this department on the Gudalur ghât, and calling upon him to furnish a detailed report of the progress made in collection of materials, to which Mr. MacAlister replied † that he received a report from Mr. Taylor, overseer, stating that considerable damage was done to the Gudalur ghât by the recent heavy rain, and that certain repairs were commenced in anticipation of sanction: he then gives a detailed account of what these damages consisted. He further submits a statement showing the progress made in the collection of materials, which amounted to Rs. 793-15-4, and ascribes the cause of slow progress to be due to the opposition offered by the two head-men of the village, who tried to get the whole work into their hands, and to other difficulties.

III.—After this it would appear that the collection of materials was carried on, as at the end of October 1881 the value increased to Rs. 2,2[illegible] according to the list sent by the Executive Engineer, Trichinopoly. In November 1881 this division was re-formed. The list received from the Executive Engineer, Trichinopoly, was sent by the late Executive Engineer of this division with a memorandum ‡ to the sub-divisional officer, Dindigul, to check and measure the materials to be paid for, and to report the result at an early date. The sub-divisional officer, Dindigul, in his reply § reports that of the 40,000 burnt bricks shown only 26,000 could be counted, which includes good and bad bricks, the good being about 16,000 and the remainder being vitrified and broken bricks which may answer for brick jelly and walls; he further states that Mr. MacAlister thinks the missing bricks will be found in the brushwood which has overgrown the place. Again, he says, of the 18,437 unburnt bricks, there are now about 10,000 burnt. In conclusion he reports that the remainder of the materials appears to be correct. On this report, Mr. MacAlister was called upon ‖ for some explanation, who, in reply ¶ says that the 40,000 bricks referred to by Mr. Taylor are those that were made in March 1880, as an experiment, and shows how the experiment was made and with what results. In respect to the number being deficient Mr. MacAlister states "that Mr. Taylor did not count them, neither did he measure the heaps of broken but well burnt pieces; he simply took very rough (but short) measurements of the bricks that were stacked and not even such portions of the stacks that were not raised to the full height, stating that if his measurements should show them more the amount he would consider them as correct, &c.," and that some bricks will no doubt be found covered by the brushwood. He also explains the cause of deficiency in the number of raw bricks.

IV.—There appears to be no further correspondence about the missing bricks. In G.O. No. 153 W.** the work was ordered to be carried out by the Local Fund Department, this department supplying only the funds. This G.O. was communicated †† to the sub-divisional officer, Dindigul, who was ordered to stop the collection of materials and to settle all claims. Steps were then taken to have the materials counted and Mr. Lee, the contractor, paid up. In March 1882 Mr. Lee's accounts ‡‡ were closed and final payments made to him. By this final payment to Mr. Lee the value of materials amounted to

* D. No. [illegible], dated 27th May 1881.

† D. No. 991, dated [illegible] May 1881, with statement of materials.

‡ D. No. 1[illegible], dated 2nd December 1881.

§ D. No. 31, dated 4th January 1882, with statement of materials.

‖ D. No. 1[illegible], dated 9th January 1882.

¶ D. No. 1[illegible], dated 14th January 1882.

** [illegible]

†† D. No. 1[illegible], dated 4th February 1882.

‡‡ [illegible] Contract certificates for Rs. 2,187-13-[illegible].

Rs. 4,087-14-2, adding to this the value, Rs. 692-1-6, of materials collected by the Local Fund Department, and deducting Rs. 5-3-3, estimated by this office, brings the value to Rs. 4,675 as stated above.

V.—In February 1882 the President addressed * the Superintending Engineer, VI Circle, to the effect that orders should be issued to the Executive Engineer, Madura, to close accounts as soon as possible as Mr. Hardy, who was deputed to take charge of the work, could not do so till the accounts were closed, at the same time enclosing a letter from Mr. Hardy to the same effect. On this the Superintending Engineer instructed † the Executive Engineer to do what was necessary.

* L. Letter No. 15, dated 13th February 1882, with letter from Mr. Hardy.

† J. No. 224 M.D., dated 2nd March 1882.

VI.—In June 1882 ‡ a statement of materials at site with a copy of work-voucher for March 1882 were sent to Mr. Hardy.

‡ K.

VII.—Mr. Hardy in his letter § to the Vice-President, Local Fund Board, states that his overseer has taken over charge of all materials collected under petty contract from the taluk overseer, Periyakulam, whom the Public Works Department deputed to deliver charge.¶ He then goes on to say that the materials collected by the contractor, Mr. Lee, were found to coincide with the measurements "but the materials collected under departmental agency are not all to be found, and that which remains is unfit for use," and suggests that the amount thus spent on materials and superintendence be recouped to him. This letter is endorsed ‖ by the Vice-President to the Executive Engineer, Madura, with the remark that he thinks the Periyakulam overseer is responsible. To this Mr. Johnston replies ¶ that Mr. Hardy may use all or none of the materials collected, and that "he is responsible neither for the quality nor for any excess which may occur consequent on the utility or otherwise of the materials collected by this department," and concludes by saying that "knowing as I do all the facts of the case," he does not consider the Periyakulam overseer to be "in the least degree responsible for any short materials."

§ L. No. 14, dated 6th June 1882.

‖ L. No. 109, dated 7th June 1882.

¶ M. No. 682, dated 13th June 1882.

3. Under the circumstances above recorded, it appears to me unaccountable why no further steps were taken on Mr. Hardy's last letter reporting the deficiency of certain materials. As Mr. Harrington, the present Local Fund Engineer, now declines to accept the materials not marked with a star in the list, and which amount to Rs. 1,310-7-5, it is necessary that something should be done to remove this value from the books of the office; either the amount must be nominally charged off to some of the sub-heads of the estimate, with the Local Fund Engineer's consent, or the value must be written off to "profit and loss," with the sanction of Government, as it is now too far back to bring home the responsibility to any officer or subordinate of this division.

From the same officer, dated 25th February 1884, No. 3195.

With reference to your memorandum, No. 461 M.D., dated 18th December 1883, I have the honour to state as follows:—

1.—Of the items noted in paragraph 2, the following were not charged to materials at site, but to "contingencies," hence they were omitted in the statement:—

	RS.	A.	P.
Trimming branches of avenue trees	37	3	0
Work-people's shed	5	0	0
Stacking materials	5	0	0
Total ...	47	3	0

II.—In compliance with paragraph 10, I called ** upon Overseer Ramasawmy Pillay for some explanation in respect to the missing materials, and, in reply,†† the overseer states that the materials were handed over to Mr. Hardy's overseer, Rungasawmy Naidu (now dead), on the 30th and 31st May 1882, and that he recollects a receipt having been signed by him and that overseer, which receipt was submitted to the Dindigul sub-divisional officer.

** 2-S : Letter, dated 31st December 1883, No. 2918, with one enclosure.

†† 2-S : Letter, dated 4th January 1884, No. 285.

III.—On receipt of this letter I addressed* Mr. Taylor, who was the sub-divisional officer at that time, on the subject, and from his reply † it will be seen that the materials handed over to Mr. Hardy's overseer were those collected by Mr. Lee, and not those collected departmentally. Those collected departmentally were pointed out to Mr. Hardy by Mr. Johnston himself, Mr. Taylor being present, and it would appear that Mr. Hardy was not satisfied at the time. Mr. Taylor further states that he does not remember whether Overseer Ramasawmy Pillay forwarded a receipt from Rungasawmy Naidu.

* G-A. Letter, dated 15th January 1884, No. 40E.

† H-A. Letter, dated 22nd January 1884, No. 241.

IV.—I then called ‡ upon the sub-divisional officer, Dindigul, to submit whatever records were to be found in his office in connection with the materials at site of the Sholalir ghat road. The sub-divisional officer in reply § forwards a statement showing the records that were handed over to Mr. Hardy by Mr. Taylor, and a measurement sheet of materials supplied by Contractor Mr. Lee.

‡ I-A. Letter, dated 25th January 1884, No. 1404.

§ J-A. Letter, dated 3rd February 1884, No. 1537, with three enclosures.

2. From the above it will be seen that no information whatever can be obtained regarding the materials collected departmentally.

3. In compliance with paragraph 11, I forwarded || a correct statement to the Local Fund Engineer, through the President, Local Fund Board, asking him what materials he accepted and what he did not accept. In reply ¶ the Local Fund Engineer forwards a statement showing what materials he accepts, amounting to Rs. 3,412-10-9, including 133 cubic yards of roughstone.

|| K-A. Letter, dated 12th January 1884, No. 306, with one enclosure.

¶ L-A. Letter, dated 9th February 1884, No. 151, with one enclosure.

4. As the Local Fund Engineer has now accepted materials to the value of Rs. 3,412-10-9 against the value of Rs. 4,675, as borne on the books of this office, the amount that will have to be written off is Rs. 1,262-5-3.

5. There is nothing on record in this office to show how the materials supplied departmentally were lost, nor can anything be obtained from the subordinates of the division regarding the missing materials; and, under the circumstances, I have the honor to request you will be good enough to obtain the sanction of Government to write off the amount, Rs. 1,262-5-3, to "profit and loss."

6. Enclosures A to M and 1-A to 8-A are herewith forwarded, to be kindly returned when no longer required.

Order—dated 23rd May 1884, No. 1259 W., Public Works.

Before according sanction to the proposal of the Superintending Engineer to charge off the value, Rs. 1,262-5-3, of the missing materials, the Government desire to be furnished with such explanations as the Executive Engineer and the subordinates concerned may have to offer.

2. Mr. J. C. Johnston, now in the III Circle, was the Executive Engineer in charge; and the following subordinates are mentioned as having been connected with the work:—

Serjeant MacAlister, Supervisor, IV Circle.
Mr. J. M. Taylor, Supervisor, VI Circle.
N. Ramasawmy Pillay, Overseer, VI Circle.

3. Mr. Johnston will especially explain why he did not effect a satisfactory transfer of the work and adjustment of the outlay incurred under his orders.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" " " IV "
" " " VI "

GENERAL
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Rect.*

G.O., 23rd May 1884, No. 1289 W.

MAY.

Cumbum-Gudalur Road

Calling for explanations from the Executive Engineer and the subordinates concerned as regards missing materials at site of the—.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

No. 7 C.

Report by the Superintending Engineer, VI Circle, on the estimate for reconstructing a portion of road No. XI, from Vasudevanallur to Srivillipatur taluk limits, in the Tinnevelly district, Rs. 35,600.

3 Plans.
1 Index map.
1 Report.
2 Detailed estimates.
2 Abstract do.
1 General abstract.
1 Copy of Local Fund Board's proceedings, dated 16th April 1884.
1 President's letter, No. 55, of 16th April 1884.

The portion of road is 9 miles and 238 yards long and crossed by 46 streams and channels. The estimate provides for raising the road where necessary, metalling and constructing masonry works across 42 minor streams, leaving 4 of the large ones unbridged for the present. The surface of the road is to be 18 feet wide of which 9 feet are to be metalled 6 inches thick and gravelled over 1½ inches thick.

2. It is observed from the papers that the Local Fund Engineer has thoroughly examined the work and satisfied himself as to the sufficiency of water-way and the depth of foundations allowed for the culverts, and the plans for the work are very carefully prepared.

3. The rates are fair and the estimate is recommended for sanction.

4. As the amount of the estimate exceeds Rs. 10,000, the President's letter to the Board of Revenue, the estimate, &c., are sent to the Chief Engineer for his approval.

KOTAGIRI (?),
3rd May 1884.

(Signed) H. R. MEAD, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

ORDER—dated 23rd May 1884, No. 1290 W., Public Works.

The estimate, amounting to Rs. 35,600, for reconstructing a portion of road XI, from Vasudevanallur to the limit of the Srivillipatur taluk, in the Tinnevelly district, is sanctioned, and registered as Local No. 9 W. of 1884-85.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with thirteen enclosures.
" Superintending Engineer, VI Circle.
" Financial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Fwd.*

G.O., 23rd May 1884, No. 1290 W.

MAY.

Road

Estimate of Rs. 25,800 for reconstructing a portion of — No. XI, from Vasudevanallur to the limit of the Srivilliputur taluk, Tinnevelly district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Order—dated 23rd May 1884, No. 1291 W., Public Works.

Under paragraph 116 of the Public Works Code, passed military students of the Civil Engineering College who have satisfactorily undergone one year's apprenticeship are brought on the permanent upper subordinate establishment of the Public Works Department in the first grade of overseers. By this arrangement all second and third grade overseers, of whatever length of service, are superseded year by year. If the upper subordinate establishment were at its normal strength, the number of casualties would probably admit of the promotion of a certain proportion of second and third grade overseers, notwithstanding the direct appointment annually, to the first grade, of passed military students. At present, however, the establishment is in excess of scale; and as the period within which the supernumeraries can be absorbed will be prolonged by the annual appointment of soldier apprentices, the promotion of second and third grade overseers is most injuriously retarded.

2. After careful consideration of this question and full discussion with the Examiner, Public Works Accounts, it would appear that the best way of affording relief and regulating the flow of promotion would be to increase annually the proportionate scale of first-grade overseers by the number of military students brought on to the establishment; *i.e.*, whenever a number of passed military apprentices are brought on the permanent strength of the department as overseers, first grade, the scale of that grade should be at once increased by an equivalent number, and the third grade reduced in a corresponding extent.

3. The present sanctioned scale of overseers is as follows:—

First grade	28
Second "	28
Third "	36
Total ...	92

4. In the year 1883, six military men were brought on as overseers, first grade, two of whom have since been remanded to military duty, leaving four still on the list.

5. The proportion of first-grade overseers will accordingly now be fixed at 32, with effect from July 1883; and four promotions from the second and third grades will be made from that date.

6. The scale will then be:—

First grade	32
Second "	28
Third "	32
Total ...	92

7. There are at present only two military apprentices undergoing practical training; and these men will, in the ordinary course, come on to the permanent establishment in July 1884. Immediately they are absorbed into the first grade, the proportion of that grade will be raised to 32 + 2 = 34, and the number of the third grade reduced to 50.

8. Under the arrangements now sanctioned, the numbers of the three grades will necessarily vary year by year; but a reasonable flow of promotion to overseers of the lower grades will be secured.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" General Superintendent, Public Works Workshops.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Educational Department.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras,

PUBLIC WORKS.

Dated May, 23rd.

Exd. *Exd.*

G.O., 23rd May 1884. No. 1291 W.

MAY.

Upper Subordinate Establishment

Sanctioning certain arrangements to obviate the hardship caused to subordinates of the second and third grades by their promotion being blocked by the passed military students of the Civil Engineering College being annually brought on the 1st grade permanently.

PUBLIC WORKS DEPARTMENT.

LETTER—to

THE RIGHT HONORABLE THE SECRETARY OF STATE FOR INDIA.

MY LORD,

We have the honor to forward five copies of the final issue of each of the following budget estimates of the Public Works Department for the year 1884-85:—

(1) Imperial Military Works.
(2) Do. Other Services.
(3) Provincial.
(4) Local Incorporated.
(5) Do. Excluded.
(6) Irrigation Productive Public Works.
(7) Irrigation and Navigation, Agricultural and Protective Works.
(8) Madras Harbour.

We have the honor to be,

My Lord,

Your Lordship's most obedient, humble servants,

(Signed) M. E. GRANT DUFF.
(„) FRED. ROBERTS.
(„) H. E. SULLIVAN.
(„) C. G. MASTER.

(True Copy.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
23rd May 1884.

GOVT. OF MADRAS.

PUBLIC WORKS DEPARTMENT.

(Copy.)

LETTER to the Right Honorable the Secretary of State for India.

No. $\frac{10}{1382 W.}$ dated 23rd May 1884.

Forwarding five copies of the final issue of each of the budget estimates for 1884-85.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 4th April 1884, Mis. No. 1891, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 19th December 1883, No. 3858 :—

Read—again the following Proceedings of the Board of Revenue, dated 28th April 1882, Mis. No. 3160 :—

Read—the following letter from H. G. TURNER, Esq., Acting Collector of Vizagapatam, to the Secretary to the Board of Revenue, dated 16th March 1882, No. 267 :—

I have the honor to report that I have personally inspected the Government building in which the deputy tahsildar of Sálúr has been hitherto holding his office. It is not only incommodious and unfit for use, but is also in such a state of disrepair that the deputy tahsildar and his establishment can sit in it only at a considerable risk of their lives. I have, therefore, directed the deputy tahsildar to remove his office at once into a rented building in the heart of the town, and he did so on the 1st January last. The rent of the building is fixed at Rs. 10 per mensem.

2. I therefore request that you will be good enough to obtain the sanction of the Board of Revenue for the disbursement of the rent from 1st January till a new building is erected, for the construction of which measures are set on foot.

Resolution—dated 28th April 1882, Mis. No. 3160.

Sanctioned.

2. Further report regarding the erection of a new building is awaited.

(A true Copy and Extract.)

(Signed) C. A. GALTON,
Acting Secretary.

Read—also the following letter from E. C. JOHNSON, Esq., Acting Collector of Vizagapatam, to the Secretary to the Board of Revenue, dated 21st November 1883, No. 1577 :—

Referring to the Board's Proceedings, No. 3160, Miscellaneous, dated the 28th April 1882, I have the honor to submit, herewith, estimates, &c., as per margin, prepared by the Executive Engineer of Vizagapatam, at my request, for constructing a third-class taluk cutcherry for the use of the deputy tahsildar and taluk magistrate of Sálúr.

1 Site plan.
1 Plan of iron strong-room.
2 Abstract estimates.
1 General estimate.
1 Report accompanying the estimate.
1 Specification.
1 Detailed estimate for iron strong-room.

2. The necessity for building the new cutcherry now estimated for was fully represented to the Board in this office letter, No. 267, dated 16th March 1882.

3. The cost of the building, including the out-houses and an iron strong-room for treasury, as well as compensation for the site selected, is Rs. 9,268, as will appear from the estimates, &c., enclosed.

4. I request that the Board may be pleased to obtain the sanction of Government for the construction of the building at the cost indicated. The construction, if sanctioned, will have to be entrusted to the Public Works Department.

5. The deputy tahsildar still holds his cutcherry in a rented building.

ENCLOSURES Nos. 1 and 2.—PLANS.

ENCLOSURES Nos. 3 to 6.—Estimates.

ENCLOSURE No. 7.—Report to accompany estimate.

ENCLOSURE No. 8.—Specification.

Resolution—dated 19th December 1883, No. 3368.

Submitted for the sanction of Government.

(True Copies and Extract.)

(Signed) E. GIBSON,
Acting Secretary.

Read—the following letter from G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 13th March 1884, No. 550 V.Z.:—

2 Abstract estimates.
1 General abstract.
1 Report accompanying the estimate.
1 Specification.
1 Detailed estimate for iron strong-room.
1 Site plan.

With reference to your No. 73 C., dated 12th January 1884, I have the honor to return, herewith, the estimates, &c., as per margin, for constructing a third-class taluk cutchery at Sálúr duly checked and countersigned.

No. 723 C., Public Works.

Forwarded to the Revenue Department for approval, with advertence to this office No. 210 C., dated 29th January 1884.

OOTY,
21st March 1884.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

Mis. No. 1360, Revenue.

Referred to the Board of Revenue for report as to the necessity of the work.

FORT ST. GEORGE,
24th March 1884.

(Signed) H. E. STOKES,
Secretary to Government.

Read—the following Proceedings of the Board of Revenue, dated 4th April 1884, Mis. No. 2351:—

Read—endorsement of the Secretary to Government, Revenue Department, dated 24th March 1884, Mis. No. 1360, on that of Secretary to Government, Public Works Department, dated 21st March 1884, No. 723 C. on letter from the Superintending Engineer, I Circle, dated 13th March 1884, No. 550 V.Z.

Resolution—dated 4th April 1884, Mis. No. 2961.

The Board beg leave to refer to their Proceedings, dated 19th December 1883, No. 3858, and the correspondence printed therewith. Since January 1882, when the old cutcherry was abandoned as unsafe, the deputy tahsildar of Sálúr has held his office in a rented building.

(True Extract.)

(Signed) E. GIBSON,
Secretary.

To the Revenue Department.

Order—dated 7th May 1884, Mis. No. 1881, Revenue.

The estimates for the construction of a third-class taluk cutcherry at Sálúr are approved in this department and returned to the Public Works Department.

(True Extract.)

OOTACAMUND,
7th May 1884.

(Signed) H. E. STOKES,
Secretary to Government.

ORDER—dated 23rd May 1884, No. 1293 W., Public Works.

The estimate, amounting to Rs. 8,660, for constructing a third-class taluk cutcherry at Sálúr, in the Vizagapatam district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 46 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with six enclosures.
" Examiner, Public Works Accounts, with general abstract estimate.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Encd.*

G.O., 23rd May 1884, No. 1293 W.

MAY.

Taluk Cutcherry

Estimate of Rs. 8,660 *for constructing a third-class* — at Sálúr, in the Vizagapatam district, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel H. R. MEAD, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Kodaikanal, 12th May 1884, No. 51 T.C. :—

With reference to paragraph 8 of G.O., No. 1014 W., dated 24th ultimo, directing to expedite the submission of plans and estimate for item No. 57 (district jail at Trichinopoly) of the Provincial budget, final issue, for 1884-85, I have the honor to report that the plans and estimate for this item were submitted with my letter, No. 258 T.C., of the 9th August 1883, vide G.O., No. 3592 W., dated 15th December 1883.

2. I find that a grant of Rs. 20,000 is provided in the current year's budget for the work above mentioned. In order to ensure the grant being fully utilized I request your permission to proceed with the collection of materials pending the sanction of the estimate by Government.

ORDER—dated 23rd May 1884, No. 1294 W., Public Works.

The Superintending Engineer, VI Circle, is authorised to proceed with the collection of materials for the proposed new district jail at Trichinopoly.

2. The Superintending Engineer's attention is drawn to the instructions conveyed in paragraph 4 of G.O., No. 1062 W., dated 25th April 1884, relative to the employment of convict labor in the construction of this jail.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras

PUBLIC WORKS.

Dated May, 23rd.

Read. Read.

G.O., 23rd May 1884, No. 1294 W.

MAY.

District Jail at Trichinopoly

The Superintending Engineer authorised, with remarks, to proceed with the collection of materials for the proposed new —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read again—

G.O., Public Works Department, dated 7th May 1884, No. 1155 W.

ORDER—dated 23rd May 1884, No. 1295 W., Public Works.

Mr. J. E. Paul, Assistant Engineer, 1st Grade, from 2nd May 1884.
Mr. C. J. Decker, do. do.
Mr. W. Jopp, do. do.

Under the sanction conveyed in the telegram from the Government of India recorded in the proceedings read above, the Assistant Engineers of the permanent establishment named in the margin are appointed Executive Engineers, 4th grade, with temporary rank for one year; to have effect from the dates named.

2. These appointments will count against the sanctioned temporary posts shown in the annexed statement.

3. A copy of these proceedings will be forwarded to the Government of India.

(Here enter No. 1296 W., dated 23rd May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Do. do. II "
" Do. do. IV "
" Do. do. VI "
" Superintendent of Works, Tank Maintenance.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 1884.

Issue ... *Read*

G.O., 23rd May 1884, No. 1295 W.

MAY.

Establishment

Three Assistant Engineers of the permanent — appointed Executive Engineers, 4th grade, with temporary rank.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Letter—from

Colonel J. Shaw-Stewart, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

The Secretary to the Government of India,

Public Works Department.

Sir,

Adverting to your telegram of the 2nd May 1884, conveying sanction, for one year, to the proposal to nominate three selected Assistant Engineers of the permanent establishment for three of the authorised temporary posts which have not yet been filled, I am directed to forward, for the information of the Government of India, a copy of the proceedings of this Government, No. 1236 W., dated 23rd May 1884, promoting three officers to the posts referred to.

2. I am, at the same time, with advertence to Government of India letter, No. 37 G., dated 8th January 1884, to forward, for the sanction of the Government of India, the names of the upper subordinates named below, for appointment as temporary Assistant Engineers, to take the places of the three officers of the permanent establishment who have been detached for temporary duty:—

T. T. Raghavachariyar, B.A., B.C.E., Sub-Engineer, 3rd Grade.
R. Vaidyanatha Aiyar, B.A., B.C.E., Supervisor, 1st Grade.
T. Subrahmanya Aiyar, B.A., B.C.E., Supervisor, 2nd Grade.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,

Secretary to Govt., P.W.D.

Ootacamund,
23rd May 1884.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Read.*

G.O., 23rd May 1884, No. 1296 W.

MAY.

Establishment

Intimating appointment of three Assistant Engineers of the permanent — as Executive Engineers, 4th grade, with temporary rank, and requesting sanction to the appointment of certain upper subordinates as temporary Assistant Engineers to take up their places.

TEMPORARY ENGINEER ESTABLISHMENT.

Temporary Divisions.	Grade of officer sanctioned by the Government of India.	Salary.	Reference to sanction.	Present posting.
1	2	3	4	5
		Rs. a. p.		
Godávari, Central. 1 EE ... Rs. 500	Mr. H. Wilkes ...	530 0 0	Letter No. 1384-G., 20th October 1883 (G.O., No. 3289-W., 10th November 1883).	Negapatam Division.
1 AE ... 350	Mr. A. Cruse ...	350 0 0	Letter No. 579-G., 21st April 1883 (G.O., No. 1314-W., 9th May 1883).	West Godávari.
Rushikulya. 1 EE ... 550	Mr. J. Trisch ...	650 0 0	Letter No. 1578-G., 14th December 1883 (G.O., No. 3688-W., 22nd December 1883).	C. Project.
1 AE ... 450	Mr. W. Mathews.	350 0 0	Letter No. 29-G., 7th January 1884 (G.O., No. 92-W., 18th January 1884).	East Godávari.
1 AE ... 350	Mr. A. Pogson ...	300 0 0	Letter No. 680-G., 7th May 1883 (G.O., No. 1456-W., 18th May 1883).	B. Project.
Gudiváda. 1 EE ... 650	Mr. J. E. Paul.	550 0 0	......	West Godávari.
1 AE ... 450	Mr. J. Lafrenais.	350 0 0	Letter No. 1428-G., 30th October 1883 (G.O., No. 3177-W., 10th November 1883).	Rushikulya.
Bezwada ... 1 EE ... 650	Mr. C. J. Usher.	550 0 0	......	*No. II Tank.*
CAUVERY AND VENNAR REGULATORS.				
1 EE ... 550	Mr. W. Jopp ...	550 0 0	......	Central Godávari.
Tank No. I. 1 EE ... 650	Mr. R. Walkutt.	772 14 3	Letter No. 298-G., 5th March 1884 (G.O., No. 837-W., 12th March 1884).	*No. I Tank.*
1 AE ... 450	Mr. L. de Closets.	330 0 0	Letter No. 386-G., 8th April 1884 (G.O., No. 1048-W., of 19th April 1884).	*Do.*
Tank No. II. 1 EE ... 650	......	...	......	...
1 AE ... 450	Sub-Conductor J. Corman.	450 0 0	Letter No. 530-G., 3rd May 1884 (G.O., No. 1279-W., of 21st May 1884).	*No. II Tank.*

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., dated 24th March 1884, Mis. No. 63, Ecclesiastical.

Read—the following letter from the Venerable J. F. BROWNE, Archdeacon of Madras, to the Chief Secretary to Government, dated Madras, 28th February 1884, No. 985 :—

With reference to your official memorandum, No. 416, of 25th February 1884, I have the honor to state that there are no funds available from the allotment for Cuddapah for this year, nor will there be any for the next official year, 1884-85.

2. In G.O., dated 9th July 1883, No. 1921 W., Public Works, the church committee of Cuddapah were prepared to pay a sum of Rs. 253 out of church funds for the erection of a belfry. The design and estimate, however, were, by order, referred to the Consulting Architect for modification, and the new estimate submitted by him amounts to Rs. 713.

3. By the enclosed letter from the church committee of Cuddapah, it will be seen that they are not prepared now to supply the funds even for the lower estimate, viz., Rs. 253.

4. I have therefore the honor to submit the papers in connection with the proposed belfry for the favorable consideration of Government.

Order—dated 24th March 1884, Mis. No. 63, Ecclesiastical.

Forwarded to the Public Works Department.

2. With reference to the remark made by the Consulting Architect in his letter, No. 1256, dated 31st December 1883, it is considered that the Executive Engineer should be called on to explain why the design furnished by Mr. Chisholm was not followed.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

From Lieutenant-Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Camp, Bamandroog, 1st May 1884, No. 184.

With reference to your memorandum, No. 825 C., dated 4th April 1884, I have the honor to report that the Executive Engineer, Cuddapah division, states that the church at Cuddapah was erected under the direct supervision and orders of Mr. Chisholm and not under the supervision of the Executive Engineer.

ORDER—dated 23rd May 1884, No. 1297 W., Public Works.

His Excellency the Governor in Council observes that the maximum grant-in-aid admissible under the rules of the Public Works Department for a church with 150 sittings is Rs. 6,000. That sum has already been sanctioned by Government for the church at Cuddapah, and it cannot be increased without the authority of the Government of India. His Excellency the Governor in Council is thus precluded from making any grant of funds for the erection of a belfry.

2. In addition to the building grant of Rs. 6,000, a further sum of Rs. 1,300 was sanctioned in G.O., No. 119 W., dated 17th July 1881, for the provision of furniture, and in July 1883* Rs. 1,262 were allotted for repairs to the building.

* G.O. No. 1921 W.

3. The question as to departure from the original design, referred for inquiry in paragraph 2 of Ecclesiastical proceedings, No. 88, dated 24th March 1884, will be remitted to Mr. Chisholm on his return from leave, the construction of the church having been carried out under the direct supervision of that officer.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Ecclesiastical Department.
" Consulting Architect to Government.
" R. F. Chisholm, Esq., on return from leave.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Encl.*

G.O., 23rd May 1884, No. 1297 W.

MAY.

Christ Church, Cuddapah

Stating that it is not possible to make any grant of funds for the erection of a belfry for —, and that the question as to departure from the original design for the church will be remitted to Mr. Chisholm on his return from leave.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., dated 24th April 1884, No. 544, Revenue.

Read—Proceedings of the Board of Revenue, dated 8th April 1884, No. 3071, on letter from the Acting Collector of Malabar, dated 1st April 1884, No. 1509.

Resolution—dated 8th April 1884, No. 3371.

The plan and estimate for the proposed public buildings at Ponáni are forwarded for the approval of Government.

2. The general design of the edifice resembles very much that for the courts at Calicut, lately prepared by the Consulting Architect, and in it accommodation is provided for the Deputy Collector, Tahsildar, District Munsif, Sub-Registrar, Police and Postal departments. The plan has been carefully prepared and is approved by the Collector and the other officers whose establishments are to be located in the new offices. The accommodation provided seems ample, and the rooms are well arranged.

3. In the covering letter of the Superintending Engineer, No. 86, dated 25th March 1884, it is stated that the total cost of the buildings will be 62,730, but, according to the figures in the estimate itself, the amount will be Rs. 63,900. This discrepancy should be explained.

4. The Board observe that no provision has been made for the cost of latrines, cook-rooms, ryots' sheds, wells, &c., which will add very materially to the total cost of the offices.

5. The Board recommend that the plan and estimate now submitted may be sanctioned and funds provided at an early date, in view to the buildings being commenced as soon as possible.

Read—again Proceedings of the Board of Revenue, dated 6th April 1884, No. 3104, on letter from the Collector of Malabar, dated 15th February 1884, No. 785, (copy attached,) and reference thereon, dated 25th February 1884.

Read—also letter from the same Officer, dated 3rd April 1884, No. 1643 (copy attached with the Deputy Collector's letter).

Resolution—dated 9th April 1884, No. 3104.

Submitted for the early orders of Government.

2. If the new building at Ponani, for which plans and estimates have been submitted with Board's Proceedings, dated 8th April 1884, Mis. No. 3071, could be finished and made available for use in two years or thereabouts, it will be cheaper to rent the warehouse for Rs. 30 a month, leaving it to the owner to execute the necessary repairs. If not the Board would recommend that the warehouse referred to by the Collector be rented at Rs. 15 per mensem, and the necessary repairs not exceeding Rs. 650 carried out at the cost of Government.

Order—dated 24th April 1884, No. 644, Revenue.

The plan submitted with the first of the Board's Proceedings read above has, so far as regards the accommodation provided for the Taluk and Deputy Collector's cutcherries, the approval of Government in the Revenue Department. The omission pointed out by the Board in paragraph 4 should be supplied.

2. It does not seem likely that the new buildings, for which no provision is made in the Public Works Department Provincial budget for 1884-85, will be completed and made available for use within two years; but as the site plan shows that it is the site of the District Munsif's Court and Sub-jail that is to be utilised, and that the new erections do not involve the dismantling of the present taluk cutcherry, the Collector will consider whether the latter, put in repair to the extent necessary for intermediate use, may not be occupied whilst the new erections are being carried on. If, however, this is impracticable, and the Collector finds it necessary to vacate any part of the old building, he is authorised to carry out the arrangements proposed by him.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

Note by the Chief Engineer, Public Works Department.

The estimate for public offices at Ponani now submitted was called for in the G.O., No. 2212 W., dated 25th August 1882, „ „ 2368 W., „ 23rd October „ orders quoted in the margin. It provides for the accommodation of—

1. The Deputy Collector.	4. Sub-Registrar.
2. District Munsif.	5. Police station and Sub-jail.
3. Tahsildar.	6. Post Office.

No provision has, however, been made for latrines, cook-house, ryots' shed, and well. It will be necessary to submit a supplemental estimate for these requirements.

The cross section shows the broad concrete foundations of front and rear verandah walls and of the main longitudinal walls in close proximity, though at different levels; and in view of these and of the numerous cross walls, it would appear advisable to excavate and put in a layer of concrete at once over the whole area, especially in such a climate as that of the west coast.

The roofing is to consist of mission tiles on jungle-wood rafters. Teak rafters, although more expensive as regards first outlay, are likely to be more economical and satisfactory in the end. All the other wood-work will be of teak. It is therefore recommended that the rafters should be of teak also.

The amount of the estimate, Rs. 63,730, as quoted in the report, is doubtless a clerical error. This should be explained by the Superintending Engineer.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 23rd May 1884, No. 1293 W., Public Works.

The estimate, amounting to Rs. 53,060, for the construction of public offices at Ponani in the Malabar District, is sanctioned for execution on funds becoming available.

2. The remarks of the Chief Engineer on the estimate should receive the Superintending Engineer's attention.

3. This sanction has been registered as Provincial No. 46 W. of 1884-85 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with six enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Revenue Department.
" Judicial "
" Public "

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 1884.

Recd. *Encl.*

G.O., 23rd May 1884, No. 1208 W.

MAY.

Public Offices at Ponani

Estimate of Rs. 62,060 for the construction of – in the Malabar District, sanctioned with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Ootacamund, 19th April 1884, No. 78.

In reply to Public Works Department G.O., No. 858 W., dated 7th April 1884, covering proceedings in the Ecclesiastical Department referring to the proposed church at Wellington, I have the honor to report that, in my humble opinion, no design which will effect a reduction in the estimate and at the same time present a fairly pleasing appearance can be prepared on the lines suggested by the Right Reverend the Bishop.

2. I beg to be allowed to enter a little fully into the points raised by His Lordship. The number of sittings for which provision is made was fixed by the Government of Madras, who, in their letter to the Government of India forwarding the first design (after giving good reasons for providing for 500 sittings), thus express themselves:—"Looking to other urgent demands His Excellency the Governor in Council is not in a position to provide so large a sum as would be required to build a church for this number (viz., 600) but is prepared to set aside a sum not exceeding Rs. 50,000." The Government of India, in replying to the above representation, express their inability to sanction so large an expenditure from the public funds as Rs. 50,000. Under these circumstances, is it of any practical use to think of accommodating in the church a larger number than 300? It is, however, possible in the building now designed to provide for some 360 persons as is shown by an arrangement of sittings drawn in blue on the plan. The edifice might also hereafter be enlarged by lengthening it for one or two bays at the west end and by adding to it north and south transepts, which, by taking up two bays of the nave, would be at least 20 feet wide. These additions might be so contrived as not, in my humble opinion, to materially injure the proportions of the edifice.

3. Ventilation was provided in the roofs of nave, chancel and aisles, but to meet His Lordship's wishes I have now provided additional apertures in other parts of the building, and arranged for the aisle windows to swing open on pivots. During the construction of the building, holes can also easily be left in the brick-walls just above the floor in such a way as to cause no direct draught. The clergyman's vestry will, when the work is carried out, be made larger, and every attention paid to His Lordship's desire for increased ventilation, &c.

4. I beg to be allowed to add a few observations on the reduction effected in the estimate. The reductions were alluded to not for the sake of an invidious comparison between my estimate and those of my predecessors, but in order to show that every effort had been made to meet the wishes of the Government of India that a reduction should be made in the cost of the building. The Ecclesiastical order states that "the proposed omission of the several items including the altar is not approved by Government;" but the seats, altar, chancel rails, pulpit and font already exist in the present barracks' church and have only to be transferred to the new edifice when it is built. It seemed extravagant to estimate for new ones.

From the Reverend W. W. ELWES, Acting Bishop's Chaplain, to the Chief Secretary to Government, dated Kodaikanal, 24th April 1884, No. 329.

With reference to G.O., No. 61, Ecclesiastical, dated 22nd March 1884, I have the honor, by desire of the Right Reverend the Bishop, to state, for the information of Government, that the Wellington chaplaincy church committee have written as follows concerning the furniture now in use in the barrack-church at that station:—

"The supply of church furniture at present in use is very substantial and sufficiently good for the purpose. It was originally supplied with the understanding that it should be used in the church as soon as it was erected."

From the Venerable J. F. BROWNE, Archdeacon of Madras and Commissary, to the Chief Secretary to Government, dated Madras, 6th May 1884, No. 36.

I have the honor to acknowledge the receipt of your memorandum, No. 981, of 2nd May 1884, and am desired by the Bishop to say that he approves of the design for the proposed church at Wellington altered as indicated in the Consulting Architect's letter.

No. 1041, Ecclesiastical.

The revised plan is approved and returned to the Public Works Department.

OOTACAMUND,
11th May 1884.

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 23rd May 1884, No. 1299 W., Public Works.

Ordered that the sanction of the Government of India be requested to the estimate as now reduced.

(Here enter No. 1300 W., dated 23rd May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government.
" Superintending Engineer, IV Circle.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Read.*

G.O., 23rd May 1884, No. 1299 W.

MAY.

Church at Wellington

Ordered that the estimate, as reduced, for a — be forwarded for the sanction of the Government of India.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,

MILITARY DEPARTMENT.

SIR,

In your letter, No. 1124 M.W., dated 7th November 1883, it was stated that the Government of India, while admitting the need of a church at the military depôt of Wellington, were unable to sanction so large an expenditure as Rs. 50,000, the amount proposed by the Madras Government; and it was suggested that, unless private subscriptions were forthcoming, the design should be revised with a view to effecting a material reduction of the cost.

2. As Wellington is inhabited exclusively by European troops, there is little prospect of raising funds by subscription. The design has therefore been modified so as to bring the cost down to Rs. 38,161. The estimate provides for nothing but what is considered really essential; and after careful consideration by all the authorities consulted, both ecclesiastical and professional, no further reduction can be suggested.

3. To the exceptional conditions which affect the rates for labor and materials on the Nilgiri plateau the comparatively high amount of the present estimate is mainly due. As contrasted, however, with the actual cost of construction of the two churches at the neighbouring station of Ootacamund, the estimate is moderate.

4. I am accordingly to forward the project to the Government of India, and to express a hope that the saving of Rs. 11,800 which has been effected will be regarded as the material reduction contemplated in your letter under acknowledgment.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,

Secretary to Govt., P.W.D.

OOTACAMUND,
23rd May 1884.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS

Dated May, 23rd.

Rs. *Est.*

23rd May 1884, No. 1300 W.

MAY.

Church at Wellington

Forwarding, for sanction, a reduced estimate for a —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

FROM A. B. SAMPSON, Esq., Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 30th April 1884, No. 312 G.

Referring to your letter, No. 362 W., dated 31st March 1884, regarding what has already been done and remains to be done by Colonel Montgomerie in connection with the Tank Maintenance Scheme on which he is employed, I am directed to observe that in the 3rd paragraph of Colonel Hasted's note, dated 22nd March 1884, submitted therewith, it is stated that " on these maps the main drainage basins are first laid down and then divided into minor basins as appears most convenient. The out-door parties then verify the basins and take up each work, obtaining from the Revenue Department full revenue details, working out the hydraulic details and ascertaining the requirements at each." With reference to this description of the work done I am to inquire whether it applies to the whole of the Madura district.

2. I am also to request that it may be stated what has been the actual strength of the establishment employed directly under the orders of Colonel Montgomerie.

OFFICIAL MEMORANDUM.

With reference to endorsement, No. 108 E., dated 8th instant, on letter from the Government of India, the undersigned has the honor to report that the Vigai river basin, in the Madura district, has been sub-divided, and the Upper Vigai basin has been grouped, all details worked out, and the actual work of restoration put in hand ; the rest of the Madura district has not yet been taken up.

2. Enclosed is a statement furnished by the Examiner, Public Works Accounts, showing the strength of the establishment employed under Colonel Montgomerie during last official year.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

OOTACAMUND,
17th May 1884.

To the Secretary to Government, Public Works Department.

Office Note from the Examiner, Public Works Accounts, dated 14th May 1884, No. 105.

Herewith the required statement showing the actual strength of the establishment employed directly under the orders of the Superintending Engineer, Tank Maintenance Scheme, during the past year 1883-84.

STATEMENT showing the actual strength of the Establishment employed directly under the orders of the Superintending Engineer during the year 1883-84.

Months.	Engineer Establishment: Superintending Engineer	Engineer Establishment: Executive Engineer	Engineer Establishment: Assistant Engineer	Upper Subordinate Establishment: Sub-Engineer	Upper Subordinate Establishment: Supervisors	Upper Subordinate Establishment: Overseers	Upper Subordinate Establishment: Surveyors	Petty: Total	Office Establishment, Clerks: I Class, 1st Grade, 151–200	Clerks: II Class, 2nd Grade, [illegible]	Clerks: II Class, 1st Grade, [illegible]	Clerks: III Class, 2nd Grade, [illegible]	Clerks: III Class, 3rd Grade, [illegible]	Clerks: IV Class, 1st Grade, [illegible]	Clerks: IV Class, 2nd Grade, [illegible]	Clerks: IV Class, 3rd Grade, [illegible]	Clerks: V Class, 1st Grade, [illegible]	Clerks: V Class, 2nd Grade, [illegible]	Clerks: [illegible]	Draftsmen: 1st Class, [illegible]	Draftsmen: 2nd Class, [illegible]	Draftsmen: 3rd Class, [illegible]	Draftsmen: Special, [illegible]	Messengers	Maistries	Apprentice, [illegible]	Cost: Salary	Cost: Travelling allowance	Cost: Contingencies	Total cost
																											RS.	RS.	RS.	RS.
Superintending Engineer, Tank Maintenance Scheme.																														
March 1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	1	..	..	..	1	2	..	..	1	..	..	..	..	..	1	3	..	..	..	1	2	1	..	2	1	..	1,767	..	..	1,797
May	1	..	1	..	1	1	..	2	1	..	..	..	..	..	1	3	..	..	..	1	2	1	..	2	1	..	2,137	..	108	2,582
June	1	..	1	..	1	1	..	2	1	..	..	..	1	..	1	3	..	..	..	1	2	1	..	2	1	..	2,209	..	43	2,311
July	1	..	..	..	..	..	..	3	1	..	..	..	1	..	1	1	..	..	..	1	2	1	1	2	1	..	2,229	226	92	2,479
August	1	..	..	..	..	..	..	3	1	..	..	..	1	..	1	1	..	..	..	1	2	..	1	2	1	..	2,120	229	61	2,367
September	1	..	..	..	..	..	..	3	1	..	..	..	1	..	1	1	..	..	..	1	2	..	1	2	1	..	2,266	..	103	2,388
October	1	..	..	..	..	..	..	2	1	..	..	..	1	..	2	1	..	..	..	1	2	..	1	2	1	..	2,232	121	68	2,422
November	1	..	..	..	..	..	..	3	1	..	..	..	1	..	2	1	..	..	..	1	2	..	1	2	1	..	2,298	196	511	2,987
December	1	..	..	..	..	..	..	2	1	..	..	..	1	..	1	1	..	..	..	1	2	..	1	2	1	..	2,709	142	71	2,953
January 1884	1	..	..	..	..	..	..	2	1	..	..	..	1	..	1	1	..	..	..	1	2	..	1	2	1	..	2,137	..	68	2,205
February	1	..	1	..	1	1	..	3	1	..	..	..	1	..	1	1	..	..	..	1	2	..	1	2	1	..	2,881	256	172	3,213
No. 1 Tank Division.																														
March 1883	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
April	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
May	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
June	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
July	..	..	1	..	1	1	..	..	..	..	..	..	..	..	..	2	..	..	..	2	..	..	..	2	..	..	478	..	14	489
August	..	..	1	..	1	2	..	..	..	..	..	1	..	..	..	2	..	..	..	2	..	..	..	2	..	..	649	..	2	651
September	..	..	2	1	1	2	..	..	..	..	..	1	..	..	..	2	..	..	..	1	..	1	..	2	..	..	988	318	7	1,374
October	..	..	2	1	2	2	..	3	..	..	..	1	..	..	..	2	..	..	..	1	..	1	..	2	..	..	1,768	415	29	2,212
November	..	..	2	1	2	2	..	3	..	..	..	1	..	..	..	2	..	..	..	1	..	1	..	2	..	..	1,612	408	75	2,385
December	..	1	2	1	2	2	..	3	..	..	..	1	..	..	..	2	..	..	..	1	..	1	..	2	..	..	2,261	524	99	2,984
January 1884	..	1	2	1	2	2	..	3	..	..	..	1	..	..	..	2	..	..	..	1	..	1	..	2	..	..	2,734	841	369	3,880
February	..	1	1	1	2	2	..	3	..	..	..	1	..	1	..	2	..	..	..	1	..	1	..	2	..	..	1,603	173	207	2,001
	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	36,978	4,356	2,297	40,675

MADRAS,
14th May 1884.

(Signed) D. C. GORDON,
Examiner, Public Works Accounts.

Order—dated 23rd May 1884, No. 1306 W., Public Works.

Ordered that the information supplied by the Chief Engineer for Irrigation be forwarded to the Government of India.

(Here enter No. 1306 W., dated 23rd May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Tank Maintenance Scheme.
" Chief Engineer for Irrigation.

Endorsement—dated 23rd May 1884, No. 1306 W., Public Works.

Copy of the above forwarded to the Government of India with reference to their letter, No. 612 G., dated 30th April 1884.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Recd. *Encl.*

G.O., 23rd May 1884, No. 1306 W.

MAY

Tank Maintenance Scheme

Furnishing information with reference to work done in the Madura district in connection with the — and as to the actual strength of the establishment employed directly under orders of the Superintending Engineer in charge of the scheme.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

Read—the following papers :—

From the Examiner of Public Works Accounts,	dated	9th January	1884,	No.	1292 X.
From the Superintending Engineer, I Circle,	"	1st March	"	"	5423 G.D.
From the " " I "	"	3rd April	"	"	82 G.D.
From the Consulting Architect to Government,	"	5th "	"	"	121.
From the Superintending Engineer, I Circle,	"	9th May	"	"	309 G.D.
From the " " I "	"	9th "	"	"	308 G.D.

Order—dated 23rd May 1884, No. 1308 W., Public Works.

When signing the completion report of the medical school at the Monegar Choultry, a work carried out under the supervision of the Consulting Architect between August 1880 and July 1883, the Superintendent of the school pointed out certain minor defects and drew attention to the fact that the roof leaked badly in places, and that the walls were liable to saturation from moisture. Dr. Thompson stated that Mr. Chisholm had been apprized of the state of the roof and walls on the occasion of one of his inspections; but that the defects had not been remedied. On return from leave, Mr. Chisholm will be called on for such explanation of the bad work as he may have to offer.

2. Conductor Lennon, Sub-Engineer, 1st grade, was the sub-divisional officer in immediate charge. His explanations as to the cause of the defects are by no means satisfactory, and do not lessen his responsibility for allowing bad work in a building under his immediate supervision. The dilatory manner in which he has replied to calls for explanation is also noticed by Government with strong disapproval. The dissatisfaction of Government on both points will be conveyed to Conductor Lennon by the Superintending Engineer, I Circle.

3. The Officiating Consulting Architect will report whether all the defects brought to notice by Dr. Thompson have been rectified.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To R. F. Chisholm, Esq., with original papers, on return from leave.
To the Consulting Architect to Government.
" Superintending Engineer, I Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Read.*

G.O., 23rd May 1884, No. 1308 W.

MAY.

Medical School at the Monegar Choultry

Censuring Conductor Lennan, and calling for explanation from Mr. R. F. Chisholm for certain defects in the construction of the —, and calling for a report as to whether the defects have now been rectified.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From Colonel T. E. TENNANT, Inspector-General of Jails, to the Secretary to Government, Public Works Department, dated Ootacamund, 7th May 1884, No. 140.

I have the honor to invite your attention to my letter, No. 84, dated 28th March 1884, forwarding plan and estimate for repairs to the hospital in the female compartment of the penitentiary, Madras. The Superintendent of Prisons reports that there are five cases of chicken-pox amongst the women and there is great want of hospital room.

2. In G.O., No. 3408, dated 28th November 1883, the Superintending Engineer was directed to see that the requisite repairs were carried out without delay.

From Colonel W. H. BURTON, R.E., Officiating Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 19th May 1884, No. 861.

With reference to your memorandum, No. 105 E., dated 8th instant, I have the honor to report that the Executive Engineer, Presidency division, forwarded to the Superintendent of Prisons, on the 26th March 1884, with reference to G.O., No. 3408 W., of the 28th November 1883, estimates for—

	RS.
1. Repairing the buildings in the penitentiary at Madras	1,670
2. Improvements to the hospital in the female enclosure of the penitentiary	2,120

2. These estimates were disposed of in G.O., No. 982 W., dated 15th April 1884. On the receipt of this Government order I addressed the Inspector-General of Jails on the 12th instant (with reference to a communication from the Examiner of Public Works Accounts) to ascertain what the probable savings on the estimates would be by the employment of convict labor on the works, as suggested in paragraph 4 of the Inspector-General of Jails' letter in G.O., No. 982 W., of the 15th April 1884. On my receiving a reply from the Inspector-General of Jails, which, from what I was told in the penitentiary this morning, I soon may do, further action will be taken towards the execution of the works as regards any materials and labor which may be required to be supplied by the Public Works Department.

ORDER—dated 23rd May 1884, No. $\frac{1328 \text{ W.}}{A}$, Public Works.

It is observed that the estimate of Rs. 2,120, sanctioned in G.O., No. 982 W., dated 16th April 1884, for improvements to the women's hospital at Madras penitentiary was, on the recommendation of the Inspector-General, ordered to be carried out by the Jail Department. The work should be put in hand at once, any labor or materials required from the Public Works Department being supplied by the Executive Engineer.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Judicial Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 23rd.

Read. *Read.*

G.O., 23rd May 1884, No. $\frac{1308\ W.}{A}$

MAY.

Women's Hospital at Madras Penitentiary

Ordering the work of improvements to the — to be put in hand at once by the Jail Department, any labor or materials required from the Public Works Department being supplied by the Executive Engineer.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

READ—the following papers:—

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer for Irrigation, dated Masulipatam, 30th April 1884, No. 309 K.S.

I have the honor to forward, herewith, for your approval and sanction of Government, a statement of proposition for revising the temporary water regulation establishment required in the Kistna delta, in the II Circle, for six months during the official year 1884-85.

2. The establishment required during the current year is less than that sanctioned for the last year by Rs. 312. It is proposed to substitute permanent lascars in lieu of the establishment sanctioned for six months of each year. Now that the weirs have been fitted with screw gearing, permanent men are wanted to keep the screws clean, &c., but a less number can do the work.

		RS.
Nellore side calingula, 3 lascars at Rs. 6 ...	... ...	18
Pacchurvaga surplus sluice ...	1 superintendent at Rs. 10	10
	2 lascars at Rs. 6	12
Vallatur surplus sluice, 1 lascar at Rs. 6 ...	... ...	6
Kollur surplus sluice, 1 lascar at Rs. 6 ...	... ...	6
	Total per mensem ...	52
	Total for six months ...	312

3. As regards the Kollur lock, the necessary permanent establishment has already been sanctioned for this. Permanent lascars for Vellatur will be applied for as soon as the lock is completed.

4. Sanction for this establishment was not applied for with the other temporary establishment sanctioned in G.O., No. 770 W., of the 22nd March 1884, under the impression that the sanction accorded for it in G.O., No. 1037 W., of the 2nd April 1883, will hold good until any further changes are required. This, however, not being the case, and some alterations also being needed, the enclosed statement is now submitted for sanction.

5. The necessary appropriation of funds will be applied for shortly in the statement of requirements for incomplete major works, minor works, establishment, and tools and plant.

6. A statement of proposals for revising the permanent water regulation establishment is also herewith sent for your approval and sanction of Government, and for an allotment of funds to provide for four permanent lascars at two for each for Nellore side calingula and Pacchurvaga surplus sluice.

ENCLOSURES.

STATEMENT of Proposition for Revision of the Permanent Water Regulation Establishments required for the Kistna Delta System in the II Circle.

Orders sanctioning the present Establishment—Government of Madras, Public Works Department. Number and Date.	Office to which the Establishment belongs.	Present Scale. Number.	Present Scale. Designation.	Present Scale. Pay. Minimum.	Present Scale. Pay. Increment.	Present Scale. Pay. Maximum.	Present Scale. Pay. Average or Fixed.	Proposed Scale. Number.	Proposed Scale. Designation.	Proposed Scale. Pay. Minimum.	Proposed Scale. Pay. Increment.	Proposed Scale. Pay. Maximum.	Proposed Scale. Pay. Average or Fixed.	Permanent. Increase per Month.	Permanent. Decrease per Month.	Temporary. Increase per Month. Period.	Temporary. Increase per Month. Amount.	Temporary. Decrease per Month. Period.	Temporary. Decrease per Month. Amount.	Remarks by Local Government.
No. W., 22nd April 1882, and memo.—G.O., No. 1691 W., of 11th May 1882.	Kistna Delta System.			RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.				RS.		RS.	
		1	Assistant Superintendent	..	..	..	120	1	Assistant Superintendent	..	..	..	120	..	..	..	..	..	..	
		1	Assistant do.	..	..	..	[illegible]	1	Assistant do.	..	..	..	40	..	..	..	..	..	..	
		1	Clerk, 6th class, 1st grade	15	1	20	17½	1	Clerk, 6th class, 1st grade	15	1	20	17½	..	..	..	..	..	..	
		1	Clerk, 6th class, 2nd grade	10	1	15	12½	1	Clerk, 6th class, 2nd grade	10	1	15	12½	..	..	..	..	..	..	
		3	Delta Superintendents at Rs. 70 each	..	..	..	210	3	Delta Superintendents at Rs. 70 each	..	..	..	210	..	..	..	..	..	..	
		6	Delta Superintendents at Rs. [illegible] each	..	..	..	[illegible]	6	Delta Superintendents at Rs. [illegible] each	..	..	..	[illegible]	..	..	..	..	..	..	
		6	Delta Superintendents at Rs. 40 each	..	..	..	240	6	Delta Superintendents at Rs. 40 each	..	..	..	240	..	..	..	..	..	..	
		18	Lascars at Rs. 8 each	..	..	..	144	18	Lascars at Rs. 8 each	..	..	..	144	..	..	..	..	..	..	
		18	Do. at Rs. 7 each	..	..	..	126	18	Do. at Rs. 7 each	..	..	..	126	..	..	..	..	..	..	
		[illegible]	Do. at Rs. 6 each	..	..	..	[illegible]	[illegible]	Do. at Rs. 6 each	..	..	..	[illegible]	24	..	..	..	..	..	
		27	Do. at Rs. 5 each	..	..	..	[illegible]	27	Do. at Rs. 5 each	..	..	..	[illegible]	..	..	..	..	..	..	
		1	Irrigation clerk, 5th class, 1st grade	15	1	20	17½	1	Irrigation clerk, 5th class, 1st grade	15	1	20	17½	..	..	..	..	..	..	
		108	Total per mensem	..	..	..	1,493½	112	Total per mensem	..	..	..	1,517½	24	..	..	..	..	..	
			Total per annum	..	..	..	17,922	..	Total per annum	..	..	..	18,210	288	..	..	..	..	..	

NOTE.—The increase is due to the provision of four Lascars at Rs. 6 each for the Nallapadu [illegible] and Pedakurapadu surplus sluice on a salary of Rs. 6 per mensem.

STATEMENT of Proposition for Revision of Temporary Water Regulation Establishment required in the Kistna Delta System in the II Circle for six Months during the Official Year 1884-85.

Orders sanctioning the present Establishment, Government of Madras, Public Works Department: Number	Date	Work to which the Proposition refers	Present Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average Fixed	Proposed Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average Fixed	Proposition: Permanent: Increase per Month	Decrease per Month	Temporary: Increase per Month: Period	Amount	Decrease per Month: Period	Amount	Remarks by Local Government
					RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.				RS.		RS.	
1067 W.	2d April 1882.	Kistna Lower.		*Kommuguda Weir.*						*Kommuguda Weir.*											
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..	
				Wagger Weir.						*Wagger Weir.*											
			1	Lascar	..	..	..	8	1	Lascar	..	..	..	8	..	..	..	..	..	..	
			1	Do.	..	..	..	8	1	Do.	..	..	..	8	..	..	..	..	..	..	
		Gudivada.		*Magazine Weir on Budameru.*						*Magazine Weir on Budameru.*											
			1	Lascar	..	..	..	[illegible]	1	Lascar	..	..	..	8	..	..	..	..	..	..	
			1	Do.	..	..	..	[illegible]	1	Do.	..	..	..	8	..	..	..	..	..	..	
			1	Do.	..	..	..	[illegible]	1	Do.	..	..	..	8	..	..	..	..	..	..	
				Aramanda Calingula.						*Aramanda Calingula.*											
			1	Superintendent	..	..	..	10	1	Superintendent	..	..	..	10	..	..	..	..	..	..	
			1	Lascars	..	..	..	10	1	Lascars	..	..	..	10	..	..	..	..	..	..	
		Ellore Works.		*Poodlu and Porlangud Head-sluice.*						*Poodlu and Porlangud Head-sluice.*											
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	12	..	..	..	..	..	..	
				Hallavaida Calingula.						*Hallavaida Calingula.*											
			1	Lascars	..	..	..	12	..	....	..	..	..	..	..	..	..	..	6	12	
				Pandeyaga Surplus Weir.						*Pandeyaga Surplus Weir.*											
			1	Superintendent	..	..	..	10	..	....	..	..	..	..	..	..	..	..	6	10	
			2	Lascars	..	..	..	12	..	....	..	..	..	..	..	..	..	..	6	12	

Statement of Proposition for Revision of Temporary Water Regulation Establishment required in the Kistna Delta System in the II Circle for six Months during the Official Year 1884-85—[illegible].

Orders sanctioning the present establishment—Government of Madras, Public Works Department: Number	Date	Office to which the Proposition refers	Nature of Charge. Present Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or Fixed	Proposed Scale: Number	Designation	Pay: Minimum	Increment	Maximum	Average or Fixed	Propositions. Permanent: Increase per Month	Decrease per Month	Temporary. Increase per Month: Period	Amount	Decrease per Month: Period	Amount	Remarks by Local Government
1307 W.	3rd April 1882.	Kistna Western.		*[illegible] Range.*	RS.	RS.	RS.	RS.		*[illegible] Range.*	RS.	RS.	RS.	RS.				RS.		RS.	
			4	Lascars	..	..	..	18	2	Lascars	..	..	..	12	..	..	..	..	..	..	
				[illegible] Range,						*[illegible] Range.*											
			5	Lascars	..	..	..	12	2	Lascars	..	..	..	11	..	..	..	..	..	..	
				[illegible] Surplus Sluice.						*[illegible] Surplus Sluice.*											
			2	Lascars	..	..	..	12	2	Lascars	..	..	..	15	..	..	..	..	..	..	
				[illegible] Surplus Sluice.						*[illegible] Surplus Sluice.*											
			1	Lascar	..	..	..	6	..	...	..	..	..	..	..	..	..	..	6	7	
				[illegible] Surplus Sluice.						*[illegible] Surplus Sluice.*											
			1	Lascar	..	..	..	6	..	...	..	..	..	..	..	..	..	..	6	5	
				[illegible] Surplus Sluice.						*[illegible] Surplus Sluice.*											
			1	Lascar	..	..	..	6	1	Lascar	..	..	..	6	..	..	..	..	..	..	
			27	Total ..	..	..	..	176	13	Total ..	..	..	..	119	..	..	..	..	..	62	
				Total for six months ..	..	..	..	1,056	..	Total for six months ..	..	..	..	709	..	..	..	..	..	[illegible]	

No. 49 E.W.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that the changes proposed by the Superintending Engineer, II Circle, in the water regulation establishment of the Kistna delta may be sanctioned.

Ootacamund,
19th May 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

Order—dated 26th May 1884, No. 1309 W., Public Works.

The revised scales of establishment for water regulation in the Kistna delta proposed by the Superintending Engineer, II Circle, are sanctioned.

2. The sanction to the permanent scale has been registered as Provincial No. 16 W. of 1884-85, and classified as Establishment, Permanent. That for the temporary scale has been registered as Provincial No. 17 W. of 1884-85, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.

PUBLIC WORKS.

Done May, 26th.

Recd. *Fwd.*

G.O., 26th May 1884, No. 1309 W.

MAY.

Establishment

The revised scales of —, permanent and temporary, for water regulation in the Kistna delta proposed by the Superintending Engineer, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General
Establishment.

Read—the following paper:—

G.O., dated 16th May 1884, No. 2066, Revenue.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Camp, Salem, 21st April 1884, No. 188 P.W.—Through the Examiner of Public Works Accounts:—

I have the honor to forward, herewith, for instructions, copies of two letters from the Acting Collector of Salem, Mr. C. W. W. Martin, declining to pay rent for his bungalow from 12th to 29th February 1884, while he was absent on special duty.

2. Mr. Martin was informed that this department had no authority to discontinue charging rent or to reduce the rate while a bungalow is occupied by an officer or his furniture; but he declines to pay unless ordered by Government to do so.

Enclosures.

From C. W. W. MARTIN, Esq., Acting Collector of Salem, to the Executive Engineer, Salem, dated 5th March 1884, No. 558.

I have the honor to enclose a Treasury receipt for Rs. 37-14-11, being the amount of house rent due by me for the Government bungalow here, which I occupied from 1st to 11th February 1884, I having been deputed out of the district after that date.

2. As Mr. Moore, who was in charge of the district, has to pay for his house at Hosur, I consider that neither of us should be asked for the rent of the Salem house during the period of my absence.

From the same officer, dated Salem, 4th April 1884, No. 842.

With reference to your letter, No. 291, dated 26th March, I have the honor to inform you that I do not consider myself bound to pay rent for the Government bungalow for the time I was out of the district on special duty.

2. The case is a peculiar one to which no rules apply.

3. My arrangement is that none of the district officers should be charged while I was absent: for, I could not occupy the house; Mr. Moore had to pay his rent as usual; Mr. Mullaly had to pay his rent, and a considerable degree of extra work was thrown on these officers for no remuneration whatever; for, I understand that they will not even get acting allowance for the time they were in charge, under a recent ruling in the Account department.

4. I shall pay this rent if Government say that they consider me bound to pay, for I will not let the charge fall on either of the other two officers.

Order—dated 16th May 1884, No. 2066, Revenue.

The case is, as Mr. Martin puts it, a peculiar one. He did not voluntarily vacate the house, but was ordered away on special duty to meet the exigencies of the public

services; and as he must have been put to extra expense for accommodation elsewhere without extra remuneration to cover it, the Government are pleased to exempt him from the payment of rent for the Salem bungalow for the period of his absence.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

To the Public Works Department, with original papers returned.

ORDER—dated 26th May 1884, No. 1310 W., Public Works.

Communicated to the Superintending Engineer, IV Circle.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated No., 269.

Read. *Read.*

G.O., 26th May 1884, No. 1310 W.

MAY.

Collector's Bungalow at Salem

Proceedings, Revenue Department, exempting Mr. G. W. W. Martin, Acting Collector, from payment of rent for the — during his absence on special duty from Salem, communicated to the Superintending Engineer, V Circle.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

G.O., dated 8th May 1884, No. 1110, Judicial.

Read—the following letter from Colonel T. E. TENNANT, Inspector-General of Jails, to the Chief Secretary to Government, dated Madras, 18th March 1884, No. 78:—

Referring to G.O., 5th September 1883, No. 2356, Judicial Department, I have now the honor to submit a report, after communication with the jail authorities at Bombay, on the establishment of portable jails and the employment of convicts on extramural labor.

2. This report I have purposely delayed, pending certain inquiries from the Bombay Inspector-General of Prisons, and until I had an opportunity of visiting Cocanada in company with the Chief Engineer and the Master Attendant.

G.O., 30th July 1882, No. 1977, J.D.

3. In submitting the report called for by the Government of India showing the occupations on which the prisoners are employed in our jails, I pointed out in my letter that convicts could only be usefully and properly employed on public works where the works are of such magnitude and are so concentrated that large bodies of prisoners can be employed for several years; that unless proper buildings are provided, the same sanitary laws enforced, and a proper system of discipline exercised, as now exist in our central jails, the system advocated by the Government of India would not only entail a heavy and unnecessary financial loss to the State, but it was more than doubtful whether the mortality would not largely increase under such a system. It was shown that, with the exception of the harbour works at Cocanada and perhaps at Madras, there are at the present time no suitable public works upon which convicts can be appropriately employed.

Despatch from Secretary of State to Government of India, No. 16, dated 28th March 1883.
Resolution, Home department, 22nd September 1882, No. 20—466-16.

4. The soundness of these views has now been admitted by the Secretary of State in a recent despatch in connection with the resolution of the Government of India on the subject of jail manufactures, and in condemnation of the policy advocating the admission of extramural prison labor on public works.

G.O., 15th October 1883, No. 2601 W.

5. The harbour works at Cocanada are too small, and will be of too short duration to justify the employment of prison labor. The expense of erecting the necessary buildings, of providing proper supervision and the cost of the extra police guard would be quite incommensurate with any advantages that might possibly result from the employment of convict labor. Moreover, the prison population of this presidency has

fallen to such a degree that the want of labor is being seriously felt in our jails. So much is this the case in the northern jails, that, in the event of the establishment of a public works prison at Cocanada, convicts would have to be brought from the southern districts entailing much additional expense for transit both to and fro, as every convict must be sent back to his own district for release at Government expense. Further, as our present jail accommodation considerably exceeds our requirements, a public works prison at Cocanada would be an addition to our present accommodation requiring extra guards and additional staff, adding thereby considerably to the cost of the jail administration of this presidency.

6. With regard to the establishment of portable jails, which are stated to have worked on the whole satisfactorily in the Bombay Presidency, I do myself the honor of enclosing a correspondence on the subject with the Inspector-General of Prisons of that presidency.

7. It will be seen that the circumstances of the Bombay Presidency are entirely different from those of Madras. In Bombay there is only one central jail at Yerrowda near Poona, for the whole presidency, consequently there is considerable difficulty relating to the employment of long-sentenced prisoners in that presidency. The authorities have been driven to resort to extramural labor on public works, not because outdoor labor possesses any superiority over indoor labor, but on account of the want of fitting central jails in which proper jail-discipline and a system of intramural labor—which is essential to such discipline—can be carried out. In Madras it is the reverse, we have six large central jails, besides the Penitentiary or Presidency jail, and the prison management pursued in this presidency—taking into consideration the difference of climate and the want of cellular accommodation—approximates very closely to the English system which after years of controversy has been proved by experience to fulfil the objects it has in view.

8. I visited the Public Works gang at Ashti in the Sholapur district. The prisoners were engaged on embankment work and in the construction of a large tank for irrigational purposes. I was informed by the Engineer officer in charge that the construction of these works, by convict labor, entirely satisfied the expectations of the Bombay Government. But although penal labor was enforced no attempt at classification was made, long and short sentenced prisoners, casuals and habituals, young and old, were herded together in unrestricted association, and the correctness of the opinion of the committee of 1838, who denounced the system of outdoor labor in India as "the worst which had ever been devised for convicts" was fully exemplified.

9. The statements of sickness and mortality in the Public Works gang at Mhaswad (formerly Ashti), Gokak and Nara are attached to the correspondence. The mortality amongst the prisoners forming the Ashti and the Nara gangs was at one time appalling, the prisoners suffering severely from fever due to exposure and overcrowding. Since these gangs have been removed more attention has been paid to sanitary arrangements and to the erection of suitable buildings. Colonel Beatty has kindly prepared a ground plan of the camp of the Mhaswad gang from a sketch furnished by Surgeon-Major Turnbull, the acting Inspector-General of Prisons, Bombay. This camp jail will accommodate 800 convicts and cost about Rs. 16,000. The establishment consists of a superintendent on Rs. 350 with horse allowance of Rs. 30. A European jailor on Rs. 75. Under the jailor is a chief warder on Rs. 35. Five head warders on Rs. 25 each, 6 assistant warders on Rs. 12 each with 80 peons on Rs. 8 each. The office clerk receives Rs. 60, and the hospital establishment consists of an Assistant Surgeon on Rs. 200 with a hospital assistant on Rs. 60. At the other camp jails the establishment is somewhat larger, but it is not necessary to trouble Government with more details.

10. In conclusion, I am of opinion that so long as there is fitting and suitable accommodation in our central jails, the establishment of public works prisons except under very special circumstances is neither necessary nor desirable. Further, looking to the difficulties of maintaining a proper system of discipline and to the many drawbacks on sanitary grounds, the establishment of portable jails in this presidency would be a retrograde step in the prison management of the country.

Enclosures.

Demi-official from Colonel T. E. Tennant, Inspector-General of Jails, Madras, to the Inspector-General of Prisons, Bombay Presidency, dated Ootacamund, 21st September 1883.

The Secretary to the Government of India, Mr. Mackenzie, has brought to the notice of the Madras Government the satisfactory arrangements made in your presidency for employing large gangs of prisoners on public works, and I am directed to inquire from you as to the best mode of working the prisoners and for the establishment of portable jails.

2. In 1879 you were good enough to allow me to visit the gang at Ashti. Will you kindly inform me—

(i) Where you have had gangs at work, and what gangs are still kept up.
(ii) The nature of the work on which the prisoners are employed.
(iii) How the selection of prisoners for these gangs is made, and what steps are taken to keep up the strength of these gangs.
(iv) The rates of sickness and mortality, and whether these rates include those prisoners, who, from sickness or other reasons, are removed from the public work gangs and revert to the regular jails.
(v) Whether you have found from experience the prisoners employed on public works in these gangs have suffered in health. I believe that the mortality in the Ashti, Gokak, and Nara gangs suffered severely from fever chiefly due to exposure and overcrowding.
(vi) What do you consider the best scheme for the establishment of portable jails.
(vii) What supervision and guards you have over the prisoners.
(viii) Are offenders in gangs punished by restriction of diet, or what are the usual punishments inflicted. Is corporal punishment much resorted to.
(ix) What diet is given to prisoners in such gangs, and is any extra clothing given.
(x) Is there any attempt at classification of prisoners amongst these gangs, are short and long sentenced prisoners the casual and habitual offender work together. Is any restriction imposed as to age, or may young and old be worked in these gangs.

3. I shall be glad of any information you can kindly give me about the employment of prisoners on public works.

4. Have you any other central jail than Yerrowda in your presidency. How many convicts will your central jail hold.

From the Inspector-General of Prisons, Bombay Presidency, to the Inspector-General of Jails, Madras Presidency, dated Poona, 7th November 1883, No. 9771.

In reply to your demi-official letter, dated 21st September 1883, addressed to Dr. Cruickshank (now on leave in England), I have the honor to state as follows in the order of your questions—

(i) *What gangs have been at work, and what gangs are still kept up.*—Gangs have been established at Nara in the Poona district (broken up in February 1878 on account of the excessive sickness and mortality prevailing in it), and at Ashti in the Sholapur district (broken up in March 1882 on formation of a new gang at Mhaswad in the Satara district). The gangs now kept up are those at Gokak in the Belgaum district, formed in 1877, Mhaswad established in March 1882, and Nara in Sind, established so far back as 1879.

I would however mention that the work at Gokak is now almost completed and the gang is about to be moved to Bijapur in the Kaladgi collectorate, for eventual amalgamation with the Mhaswad gang, which it is expected will be effected in April 1884, and will consist of about 1,000 prisoners.

(ii) *The nature of the work on which the prisoners are employed.*—The prisoners at Nara were employed on canal-cutting and clearance, and those at Ashti in the construction of a large tank for irrigational purposes. The gang at Gokak has been employed in the excavation and clearance of an extensive canal, and that at Mhaswad in the construction of a large irrigation tank and canal. The Nara gang has been engaged on what may be termed special work, making metals, protective embankments, canal clearance, and earthwork, in connection with the Sind system of canals; all the gangs with the exception of that at Nara have been established for employment under the Public Works department of this presidency.

(iii) *How the selection of prisoners is made, and what steps are taken to keep up the strength of the gangs.*—Vide this office circulars, No. 16-13[illegible], of 10th January 1880, No. 16-1684, of 14th April 1881, No. 16-124, of 10th January 1882, No. 16-1431, of 6th April 1882, and No. 4646 of the 5th September 1883, attached, which explain fully the class of prisoners selected for the

gangs at Gokak, Mhasvad and Nasik. Constant transfers of prisoners are made from the neighbouring district jails, and should occasion require it from more distant jails, to maintain the gangs at their established strength 800, 500 and 600 prisoners respectively.

(iv) The rates of sickness and mortality and whether the rates include prisoners who from sickness or other reasons are removed from the gangs to the regular jails.—Attached is a comparative statement of the sickness and mortality in the three gangs as compared with the neutral jail for the years 1881-82:—

(1) The Mhasvad formerly the [illegible] gang has since its formation been comparatively healthy and contrasts favorably with the large central jail at Yerowda as regards percentage of daily average sick and deaths to daily average strength, but the percentage of admissions into hospital has been far larger at Mhasvad than Yerowda many of the men being treated such as wounds, &c., received at work.

(2) The Gokak gang when first established was simply a famine camp, and the mortality of the gang for some time was excessively high. The sickness and mortality in 1881-82 contrasted very unfavorably with the neighbouring Dharwar jail, as will be seen from the statement.

(3) The Nasik gang has been long established and at first the death-rate was very high, but of late years it has compared favorably with the neighbouring jail at Hyderabad.

(4) Statement B attached shows the chief diseases from which prisoners suffered in the gangs and in district jails respectively during the years 1881 and 1882, from which it will be seen that the percentage of admissions from fever and bowel-complaints are much higher in gangs than in jails, attributable no doubt to the exposure to which prisoners employed on extramural work are subjected. The percentage of admissions from ulcers is also high, due to the nature of the work on which prisoners in the gangs are employed, bruises and some joint ulcers being common when prisoners are working in rock or hard murum especially.

2. The rates of sickness in statement A do not include prisoners whom from sickness or other causes are removed from the gangs to the regular jails.

(v) Whether it has been found from experience that prisoners in gangs have suffered in health.—It is undoubtedly the fact that the convicts in extramural gangs suffer in health to a certain extent from such employment. Although the prisoners in gangs are much more liberally fed than the prisoners in jails, and are specially selected for the gangs on account of physical fitness, still it will be seen from the statement A, the sickness and mortality amongst these highly fed and carefully selected prisoners has been much higher than amongst the men fed on a lower diet and of poorer physique who are left in jails. There seems, therefore, to be no doubt that the hard work exacted from the prisoners in gangs, and the great exposure and alternations of temperature to which they are subjected, are more trying to health than the comparatively easy intramural labor under shelter of the regular jails. The table of sickness and mortality in the Mhasvad gang, however, goes far to prove that it is possible to organize extramural gangs, in which the sickness and mortality would not be excessive; much depends on the intelligence and carefulness of the superintendent.

(vi) What is considered the best scheme for the establishment of portable jails.—Annexed is a plan of the Mhasvad gang barracks (and subsidiary buildings), built on the radiating principle, for the accommodation of 800 prisoners on the associated system; and one found from experience to be the model of a convict encampment and suitable in every way for sheltering prisoners on extramural work, where the rainfall is moderate. The barracks are built on a low plinth, the walls of mud, stone, and burnt brick, six feet high, and with [illegible] wooden grating on the top for lateral ventilation, and roofed with bamboo rafters, grass and leaves. All the woodwork of the barracks can be pulled down and moved from place to place as occasion requires. Full particulars as to size, &c., and accommodation of buildings are given on the plan.

(vii) Supervision and guarding of prisoners.—One superintendent, one jailer, one deputy jailer, two chief warders, and an establishment of warders and peons not exceeding 10 per cent. of the established strength of the gang, also to assist the paid establishment, a number of convict warders not exceeding 5 per cent. of the number of prisoners employed in the gang. On the first formation of a gang, a superintendent possessing special qualifications, and the establishment were selected from the several district jails of the presidency so that all from the superintendent downward were well acquainted with jail discipline and the management and working of prisoners, and assisted materially in the organization of extramural gangs.

(viii) Are prisoners in gangs governed by restrictions of diet, to what punishments are they liable.—The prisoners work at allotted tasks (specified hereafter), and the non-performance of their tasks and breaches of jail discipline are visited with the ordinary jail punishments, stocks, forfeiture of marks, penal diet, &c. Whipping is seldom resorted to except for serious offences. During the year 1883 there were only fifteen corporal punishments in the Gokak gang, and seven at Nasik, while there was not a single whipping in the Mhasvad gang.

(iii) *The diet given to prisoners in the gangs and whether any extra clothing is given.*—The diet scale in force in the gangs is as follows:—

—	Gokak.			Mhaswad.			Nira.		
	lb.	oz.	dr.	lb.	oz.	dr.	lb.	oz.	dr.
Wheat, bajri or jowari	1	12	..	1	12	..	2	..	..
*Dhall	..	5	..	..	5	..	..	5	..
Salt	..	..	3	..	..	6	..	..	3
Vegetables	..	3	..	..	6	..	..	3	..
Condiments	..	..	3	..	..	6½	..	..	5
Ghee or oil	..	..	8	..	..	8	..	..	[illegible]
Animal food	..	3	..	..	6	..	..	3	..

* Excluded when animal food is given.

This scale is 4 and 8 oz. respectively of wheat, &c., 1 oz. of dhall, vegetables 2 oz. (Gokak and Mhaswad only), condiments 2 drs., oil 4 drs., and animal food 1 oz. (4 oz. at Nira) in excess of the diet allowed for prisoners on intramural labour in the regular jails.

(2) It should be noted that the above scale is given only to those prisoners of the gangs actually employed on extramural work: prisoners employed as jail servants, sweepers, &c., receive only the diet given in jails for medium or intramural labour. The diet scale in the Nira gang is a special one and sanctioned on account of the peculiarly trying climate in which the prisoners work and the movable nature of the gang.

(3) The prisoners in the Gokak and Mhaswad gangs are not allowed any extra clothing, but the Nira prisoners are given woollen trousers and woollen caps during the cold weather, on account of the excessive cold experienced in Sind.

(iv) *Is there any attempt at classification of prisoners employed in the gangs.*—There is no attempt made at classification, long and short term prisoners, casuals and habituals, and young and old work and sleep together.

2. In the Mhaswad gang, the tasks assigned for the respective classes of labour are as under, and the prisoners, *i.e.*, the working men, and not the whole gang, earn 3½ annas per head per diem on an average:—

Tasks.

Black-earth 68 cubic feet, murum earth 58 cubic feet, soft murum 35 cubic feet, hard murum 16½ cubic feet, boulders 14 cubic feet, blasting materials up to 6¼ feet, 9½ cubic feet up to 8¼ feet, 8½ cubic feet to 10½ feet, 7½ cubic feet to 12¼ feet, 6½ cubic feet to 14 feet, 5½ cubic feet. These tasks are assigned for a whole gang of 25 men.

3. The rates paid for the work are—

						Rs.	a.	p.
Per hundred cubic feet black-earth, carried 50 feet					..	0	6	0
Do.	do.	murum do.	do.		..	..		
Do.	do.	soft murum,	do.		..	0	10	0
Do.	do.	hard murum,	do.		..	1	7	0
Do.	do.	boulders,	do.		..	1	8	0
Do. blasting material carried and lifted,			4½ to 6¼	feet high.		2	4	0
Do.		do.	6¼ to 8¼	do.	..	2	8	0
Do.		do.	8¼ to 10½	do.	..	2	14	0
Do.		do.	10½ to 12¼	do.	..	3	4	0
Do.		do.	12¼ to 14	do.	..	3	12	0

In the Gokak gang the work and rates vary slightly—

		Rs.	a.	p.
Per hundred excavation in black rock	..	4	8	0
Do.	embankment cutting ..	0	10	0
Do.	excavation in soil ..	0	8	0
Do.	soft murum ..	0	14	0
Do.	hard murum ..	1	4	0
Do.	conored-filling ..	2	8	0

4. It has been found from experience that to successfully organise an extramural gang, it is necessary to select a work suitable for convict labour, to secure a site in every way suitable as regards nature of ground, drainage, and water-supply for an encampment, and to arrange to have the prisoners well hutted. To secure these objects, the plan usually adopted in this presidency is to ask the Public Works department to select a suitable work, and then to transfer to the proposed site of the work 200 carefully picked prisoners, under an efficient superintendent, to

prepare and clear the site, and build barracks, transferring gangs of prisoners from time to time from the district jails as accommodation is provided. All our experience goes to prove that tents are not suitable for hutting large bodies of prisoners for any length of time, and that it is not only injudicious, but dangerous, to collect a large body of prisoners together till suitable accommodation is provided. The large mortality in the Nira and Gokak gangs when first established was greatly due to the prisoners being overcrowded in tents and temporary buildings during the construction of the temporary barracks, and it is essential to the successful working of a gang, both from sanitary and financial points of view, that prisoners should be suitably hutted and not overcrowded.

5. Another necessary point to be observed in the establishment of an extramural gang is that the work is suitable for convict labor, and that work be selected on which prisoners can be employed for several years (a work which it is desirable to construct, but which does not require to be hurried on to completion), as it does not pay to move gangs from one place of work to another, every two or even three years, as a great deal of time is lost in moving prisoners and building barracks at considerable expense.

6. With reference to the remark contained in the answer to question I, regarding the establishment of a gang at Bijapur, I would state, for your information, that the head-quarters of the Kaladgi collectorate is about to be established at that station, but as the place is covered with the ruins of ancient buildings, dense vegetation, and débris, it is considered necessary to clear and level the station before occupation by the district authorities. This has been decided to be a work suitable for convict labor, and hence it is intended to amalgamate the Gokak and Nherwad gangs bringing the strength up to 1,500 prisoners at Bijapur for employment under the Public Works Department.

7. It may be interesting for you to learn that the earnings of the Gokak and Nherwad gangs from date of first formation to 31st August 1882 have been Rs. 1,07,809 and Rs. 46,758 respectively. The earnings per prisoner during 1882 were Rs. 82 in the Gokak gang, and Rs. 45 in the Nherwad gang.

8. With reference to the last inquiry in your letter, I have the honor to state that the Yerrowda jail is the only central jail in the presidency, and it is capable of accommodating 1,032 prisoners.

CIRCULAR.

No. 16-135 of 1880.

Inspector-General of Prisons' Office,
Poona, 10th January 1880.

The Inspector-General of Prisons directs that, in future, whenever it is intended to transfer a body of prisoners by road from one jail to another or to and from an extramural gang, the superintendent of the transferring jail or gang will be good enough to intimate, in good time, to the magistrates of the districts through which the prisoners will march en route to their destination, the probable date of their despatch and the number to be transferred, so that the district magistrates may, if considered necessary, take steps for ensuring the safety of the prisoners whilst marching through their (the district magistrates) respective districts.

(Signed) J. CRUICKSHANK,
Inspector-General of Prisons.

To all Superintendents of Jails.

CIRCULAR.

No. 16-1664 of 1881.

Inspector-General of Prisons' Office,
Poona, 14th April 1881.

MEMORANDUM.

As the employment of extramural convict gangs in this presidency is likely to become a permanency, the undersigned considers it necessary to call the attention of superintendents of jails to the following instructions regarding the transfer of prisoners from jails to the extramural gangs at Nira, Ashti and Gokak. These instructions have mostly been embodied in communications issued from time to time by this office in the shape of letters and circulars, so that there is nothing new in this circular; but, as the Inspector-General of Prisons finds that the rules regarding transfers are not always carried out by superintendents of jails in their integrity, he has thought it expedient to embody all previous orders on the subject in one document for easy reference.

2. The three gangs will be recruited by transfers of convicts as follows, viz. :—

Nera—from Shikarpur, Hyderabad and Kurrachee.
Ashta—from Yeroda, Poona, Tanna, Presidency jails, Dhulia, Ahmednagar, Sholapur, and, when specially ordered, from the Gujarat jails and from Satara.
Gokak—from Kaladgi, Dharwar, Belgaum, Karwar, Ratnagiri and Satara.

3. In selecting prisoners for transfer the primary point to bear in mind is that they must be all in good health, strong and able-bodied, fit to execute a fair day's task work such as will be exacted from them on arrival at these gangs. The work consists principally of earth-work, and of excavation in soft and hard murum and rock and in carrying and removing the same from cuttings; and as a rule the prisoners are expected to do a measured task.

4. No prisoner who has appealed should be transferred to these gangs until his appeal has been decided and the sentence upheld, and every convict likely to be transferred to a gang should, immediately on his arrival in jail, be asked if he intends to appeal, and if then he states that he does not intend to appeal he may be transferred before the expiration of the period allowed to him by law within which to prefer an appeal—vide Government Resolution, No. 627, dated 1st February 1878, copies of which were circulated to Superintendents by this office on the 7th idem.

5. In some cases it has been found that the rule with regard to physical fitness has been overlooked, and that men quite unfit for work at these gangs have been transferred, causing much departmental inconvenience and extra expense to the State, as such prisoners, after being a short time with the gangs, have broken down under the work and exposure, and consequently, instead of being an assistance, they have become an encumbrance; ultimately having to be retransferred to the district jails without having recouped by their earnings even the bare cost of transferring them to the gangs.

6. The next point is that of length of sentence, and the Inspector-General of Prisons directs that, as a maximum period, no prisoner with more than two years of his sentence to run, as a rule, should be transferred, but in exceptional cases this rule may be relaxed, and Superintendents of Jails must exercise their discretion and judgment on this point, for where it might be safe to send a husbandman or cultivator sentenced for life for wife or child murder to one of the gangs, it is obvious that it would be dangerous to transfer an habitual dacoit who was sentenced to, say, only three years' imprisonment.

7. As a minimum no prisoner who has a lesser period of his sentence to run than is shown below should be transferred:—

	Months		Months
From Hyderabad	2	From Ahmednagar	3
„ Kurrachee	3	„ Sholapur	1
„ Shikarpur	3	„ Gujarat jails	6
„ Yeroda	3	„ Satara	2
„ Poona	3	„ Belgaum	1
„ Tanna	4	„ Dharwar	2
„ Bombay jails	2	„ Kaladgi	2
„ Dhulia	2		

8. No prisoner under sentence of solitary confinement should be sent to these gangs until the entire period of such confinement, to which he has been sentenced, is awarded.

9. Prisoners transferred by road should march as light as possible; they should not be required to carry their cooking utensils, bedding, &c., which must be conveyed in country carts or other suitable conveyance; this will leave the prisoners' hands free, and will allow them to support the leg fetters and prevent the prisoners arriving at the gangs suffering from sores on their legs, caused by the chafing of their fetters on the march.

10. The importance of maintaining these gangs up to their full strength is the first thing to be considered in regard to the employment of prisoners, and Superintendents should submit to this office from time to time, at short intervals, rolls of such prisoners as the medical officer considers fit for the gangs in conformity with these instructions, when orders will be issued for their transfer. No transfer should be made (except in case of an emergency) to these gangs without first referring to the Inspector-General of Prisons.

11. Prisoners who are in every way fit for the gangs should not be allowed to accumulate in large numbers in the district jails, as Government is of opinion that the employment of convicts at these gangs is of more importance to the State than keeping large numbers in the jail factories as formerly.

12. Only a sufficient number of skilled and specially-selected prisoners should be retained for the factory, and these, with the old and weakly and long-term dangerous prisoners, will, in the opinion of the Inspector-General of Prisons, be quite sufficient for carrying on the factory operations, and this arrangement will place Superintendents in a position to send all their strong able-bodied prisoners to the extramural gangs.

13. Whenever a batch of prisoners is about to be transferred, timely intimation should invariably be given by Superintendents to the Magistrates of the district through which the prisoners are to pass en route (in) Sind intimation should also be given to the Commissioner) as directed in this office circular, No. 16-185, dated 10th January 1880.

(Signed) J. CRUICKSHANK,
Inspector-General of Prisons.

To all Superintendents of Jails.

CIRCULAR.

No. 16-184 of 1882.

Inspector-General of Prisons' Office,
Poona, 16th January 1882.

Memorandum.

The Inspector-General of Prisons has the honor to intimate to all Superintendents of Jails that Government has directed the orders contained in their resolution as per margin to cancelled, and that all other prisoners have appealed or not, they shall, if in every other way fit as regards physique, health, and length of sentence, be transferred to an extramural gang.

Government Resolution, No. 111, dated 1st February 1881, Judicial department: see clause 4 of this office circular, No. 16-1884, dated 14th April 1881, which is also cancelled.

In future Superintendents of Jails will carefully see that this order is carried out and that no prisoner who is fit for the gangs is detained in jail after a sufficient number is available to make up a fair batch for transfer.

Superintendents of Jails must, however, take every care that there shall be no unnecessary delay in communicating with the superintendent of the gang to which prisoners have been transferred in each case where the sentences have been annulled or modified on appeal, so that the prisoner may be released as soon as possible.

(Signed) J. CRUICKSHANK,
Inspector-General of Prisons.

CIRCULAR.

No. 16-1481 of 1882.

Inspector-General of Prisons' Office,
Poona, 6th April 1882.

With reference to this office circular, No. 16-1884, dated 14th April 1881, it is notified for information that the minimum of unexpired sentence of prisoners transferred from Sátára and Kaladgi to Mhaswad and Gokak respectively is reduced from two to one month, and that all transfers from Sátára should be sent to Mhaswad by road, and none to Gokak.

2. The above circular should be corrected accordingly.

3. When prisoners are transferred by rail, care should be taken to despatch them in sufficient numbers to fill (with the guard) the whole number of seats in one, or more, compartment or carriage.

4. Prisoners for Mhaswad, except those from Sátára, should be sent by rail to Barsi Road Station and marched to the gang by escort sent to meet them as they arrive at that station.

(Signed) F. S. TURNBULL,
Acting Inspector-General of Prisons.

To all Superintendents of Jails.

CIRCULAR.

No. 4646 of 1883.

Inspector-General of Prisons' Office,
Poona, 8th September 1883.

Memorandum.

In supersession of the order contained in paragraph 1 of this office circular, No. 16-184, dated 16th January 1882, and under instructions from Government, the Acting Inspector-

General of Prisons directs that prisoners who appeal or state their intention of appealing shall not be transferred to an extramural gang, but detained in jail till after their appeals have been decided, or the period allowed by law in which to prefer an appeal has elapsed.

2. Superintendents of Jails are requested to be good enough to see that this order, which has been framed in view to allow appeals to be heard, in accordance with section 421 of Criminal Procedure Code, is strictly carried out in future.

(Signed) P. S. TURNBULL,
Acting Inspector-General of Prisons.

To all Superintendents of Jails.

STATEMENT A.

—	[illegible]							[illegible]						
	Average daily strength.	Admissions into hospital.	Daily average sick.	Deaths.	Ratio per cent. of average strength: Of admissions into hospital.	Of daily average sick.	Of deaths.	Average daily strength.	Admissions into hospital.	Daily average sick.	Deaths.	Ratio per cent. of average strength: Of admissions into hospital.	Of daily average sick.	Of deaths.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Dharwar	[illegible]	182	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	...	...	...		...		...	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	...	...	...	...	...	...	...
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,580	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Hyderabad	[illegible]	[illegible]	[illegible]	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Poona, [illegible] 1883.

(Signed) P. S. TURNBULL,
Acting Inspector-General of Prisons.

STATEMENT D.

1882.

1	Daily average strength. 2	Daily average sick. 3	Admissions and deaths from — Fevers. 4		Bowel complaints. 5		Ulcers. 6		Anaemia and general debility. 7		Other diseases. 8		Total. 9		Ratio of admissions and deaths per cent. of average strength from — Fevers. 10		Bowel complaints. 11		Ulcers. 12		Anaemia and general debility. 13		Other diseases. 14		Total. 15	
			A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Ashti Camp	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mhasvad Camp	569	31·5	426	3	135	1	15	..	29	..	253	5	918	12	74·7	0·5	22·4	0·2	7·9	..	4·3	..	50·6	1·4	161·9	2·1
Yerrowda Central Jail	1,174	25·3	79	1	28	3	30	..	8	2	348	11	494	17	6·7	0·08	2·4	0·3	2·5	..	0·7	0·2	29·6	0·9	41·8	1·4
Gokak Camp	551	30	367	5	125	13	58	..	16	2	236	11	779	34	66·3	0·9	22·8	2·3	10·7	..	2·7	0·4	38·2	1·0	138·7	6·1
Dharwar Jail	247	6·0	44	1	24	..	7	..	6	1	102	1	188	3	19·2	0·4	11·1	..	2·8	..	2·3	0·4	47·9	0·4	83·8	1·4
Nira Camp	710	16	311	11	61	4	7	..	14	2	256	27	616	45	43·8	1·5	7·1	0·6	0·9	..	1·9	0·3	35·0	3·8	86·4	5·2
Hyderabad Jail	687	30	161	10	45	4	14	..	..	..	131	8	341	22	23·3	1·5	7·2	0·6	2·3	..	..	..	20·0	1·5	54·6	3·5

STATEMENT B—*continued*.

	1881.																											
			Admissions and deaths from												Ratio of admissions and deaths to the per cent. of average strength from													
	Daily average strength.	Daily per cent sick.	Fever.		Bowel complaints.		Ulcer.		Anaemia and general debility.		Other causes.		Total.		Fever.		Bowel complaints.		Ulcer.		Anaemia and general debility.		Other causes.		Total.	
	16	17	18		19		20		21		22		23		24		25		26		27		28		29	
			A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.	A.	D.
Ashti Camp	310	18·5	108	1	49	1	5	..	10	2	159	3	361	7	59·6	0·1	5·9	1·5	0·9	..	3·3	0·2	52·4	2·0	122·6	3·1
Mhaswad Camp	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Yeravda Central Jail	1,060	43·1	77	2	35	4	65	..	10	4	918	8	686	18	6·0	0·1	3·9	0·3	3·4	..	0·8	0·3	40·4	0·6	63·8	1·4
Gokak Camp	481	47·3	440	5	100	17	107	14	20	9	80	6	766	56	14·4	1·0	22·0	3·7	31·6	3·5	4·3	1·8	13·0	1·3	170·5	11·3
Dharwar Jail	236	8·2	68	2	18	..	10	..	5	1	89	2	193	5	28·9	0·8	7·6	..	5·2	..	3·4	0·4	37·8	0·8	82·0	2·1
Nasik Camp	231	15	254	5	79	8	3	..	17	1	169	10	522	21	57·4	1·2	11·6	0·7	1·5	..	3·6	0·1	34·5	1·5	127·7	3·8
Hyderabad Jail	410	19·7	168	11	30	14	15	..	1	..	156	31	470	56	38·8	1·4	4·8	1·7	1·8	..	0·1	..	38·0	2·8	69·7	6·9

Poona,
7th November 1883.

(Signed) P. S. TURNBULL,
Acting Inspector-General of Prisons.

Order—dated 5th May 1884, No. 1116, Judicial.

His Excellency the Governor in Council is not of opinion that the Cocanada Harbour Works afford a suitable opportunity for the employment of jail labor on a large scale. The works, it appears, will not last a sufficient time to render it advisable to construct the necessary large portable jail near the site of the harbour, and an additional reason for not incurring a large expenditure at present upon the construction of extra jail accommodation is to be found in the fact that the accommodation considerably exceeds present requirements. The Inspector-General of Jails does not state whether he is aware of any other work than that mentioned by him on which jail labor could be suitably employed at this or at any future time; the matter, however, should not be lost sight of. These proceedings will be communicated to the Department of Public Works in order that this department may be communicated with whenever any public works is taken up, upon which, it may be thought, convict labor can be conveniently employed.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 23rd May 1884, No. 1313 W., Public Works.

Communicated to Superintending Engineers, in continuation of G.O., No. 3132 W., dated 5th November 1883, and for guidance with advertence to the concluding sentence of the order in the Judicial Department.

2. Superintending Engineers will not fail to bring to notice any work about to be undertaken within their circles, upon which, in their opinion, convict labor can be conveniently employed.

3. With respect to the utilization of convict labor on jail works, instructions have already been issued in proceedings of Government, No. 1154 W., dated 25th April 1881.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Superintendent of Works, Tank Maintenance.
" Consulting Architect to Government.
" Engineers-in-Chief, State Railways.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Superintendent, Madras Harbour Works.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 26th.

Read. *Read.*

G.O., 26th May 1884, No. 1313 W.

MAY.

Convict Labor

Proceedings, Judicial Department, on the question of establishment of portable Jails and employment of — on Public Works, communicated to Superintending Engineers, with remarks.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from Lieutenant-Colonel A. FILGATE, R.E., Deputy Secretary to the Government of India, Public Works Department (Account—General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 2nd May 1884, No. 185 A.G.:—

The account classification of the transactions recorded in the Estimates and Finance Accounts having been again modified under instructions from Her Majesty's Secretary of State, I am directed to forward, for your information and guidance, a list showing the revised numbers and classification of Account heads pertaining to the Revenue and Expenditure of Public Works and Telegraph Departments.

2. The list forwarded with No. 120 A.G. of the 17th March 1883 is hereby cancelled, and spare copies should be destroyed.

ENCLOSURE.

List showing the Revised numbers and classification of the Account heads pertaining to the Estimates and Accounts of the Public Works and Telegraph Departments.

REVENUE.	EXPENDITURE.
C.—Post Office, Telegraph and Mint.	*C.—Post Office, Telegraph and Mint.*
XIII.—Telegraph.	18. Telegraph.
	F.—Famine relief and insurance.
	33. Protective Works, Railways.
	34. " " Irrigation.
G.—Revenue from Productive Public Works.	*G.—Expenditure on Productive Public Works (Revenue Account).*
XXV.—State Railways (gross earnings). East Indian Railways (gross earnings).	36. State Railways (working expenses). East Indian Railway (working expenses).
XXVI.—Guaranteed Railways (net traffic receipts).	37. Guaranteed Railways (surplus, profits, land and supervision).
XXVII.—Irrigation and Navigation (direct receipts). Madras Irrigation and Canal Company (net traffic receipts).	38. Irrigation and Navigation (working expenses). Madras Irrigation and Canal Company (land and supervision).
XXVIII.—Portion of Land Revenue due to Irrigation.	39. Charges in respect of Capital:— (a) Interest on debt. State Railways. East Indian Railway. Irrigation and Navigation. Miscellaneous Public Improvements. (b) Annuities in purchase of Guaranteed Railways. (c) Guaranteed Railways' interest. Madras Irrigation and Canal Company's interest.

List showing the Revised numbers and classification of the Account heads pertaining to the Estimates and Accounts of the Public Works and Telegraph Departments—*contd.*

Revenue—*contd.*

H.—Receipts on account of Public Works not classed as Productive.

XXIX.—State Railways (gross earnings).

XXX.—Subsidized Railways.

XXXI.—Irrigation and Navigation.

XXXII.—Military Works.

XXXIII.—Civil Buildings, Roads and Services.

I.—Exchange on transactions with London.

XXXVI.—Gain by exchange (Capital Account of Guaranteed and Subsidized Railways).

Expenditure—*contd.*

H.—Expenditure on Public Works not classed as Productive.

40. State Railways, Capital.
41. " " Revenue.
42. Subsidized Railway.
    Southern Mahratta (State outlay).
43. Frontier Railways.
44. Irrigation and Navigation.
45. Military Works.
46. Civil Buildings, Roads and Services.

L.—Exchange on transactions with London.

49. Loss by exchange (Capital Account of Guaranteed and Subsidized Railways).

N.—Productive Public Works (Capital Account).

50. State Railways.
    East Indian Railway.
51. Irrigation and Navigation.
52. Miscellaneous Public Improvements.

Order—dated 26th May 1884, No. 1314 W., Public Works.

Communicated to the officers of the Public Works Department.

2. The Secretary to the Code Committee will arrange for the issue of a standing order embodying the present classification.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Superintendent of Works, Tank Maintenance.
" Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Examiner, Railway Accounts.
To Engineers-in-Chief, State Railways.
To the Secretary, Code Committee.

GENERAL.
ACCOUNT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 26th.

Read. *Read.*

G.O., 26th May 1884, No. 1314 W.

MAY.

Accounts

List showing the revised numbers and classification of the Account heads pertaining to the estimates and — of the Public Works and Telegraph Departments, communicated to officers of the Public Works Department: and the issue of a standing order embodying the classification, directed.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General,
Account.

Read—the following papers:—

Office Note from the Examiner, Public Works Accounts, dated Madras, 5th March 1884, No. 1220.

With reference to G.O., No. 422 W., of 16th February 1884, I beg to point out that while the orders of Government object to the cost of repairs being borne by the State, it is apparently contemplated to meet the outlay on the repairs in a different form, viz., by the enhanced rent which is suggested; or, in other words, while Government declines to pay a distinct item as "repairs" it is prepared to pay that same item if merged in "rent."

2. The proposal is in either case, in my opinion, opposed to the spirit of code paragraph 1080.

From the Rev. C. J. ETTY, Acting Garrison Chaplain, to the Chief Secretary to Government, dated Fort St. George, 11th March 1884.

In reference to G.O., dated 16th February 1884, No. 422 W., forwarded to me for report, I have the honor to request that you will direct the Public Works Department to furnish me with a statement of the annual expenditure for repairs of the building rented by military authorities from the trustees of St. Mary's Charity during the last five years. I shall then be in a position to state what sum should be added to the rent in order to meet the cost of repairs in future to devolve upon St. Mary's Charity.

No. 625, Ecclesiastical.

Forwarded to the Public Works Department with request that the garrison chaplain may be furnished with the statement required by him.

Fort St. George, (Signed) E. F. WEBSTER,
18th March 1884. Chief Secretary.

From the Rev. C. J. ETTY, Acting Garrison Chaplain, to the Chief Secretary to Government, dated Fort St. George, 7th May 1884.

With reference to G.O., dated 16th February 1884, No. 422 W., Public Works, referred to me for report, I have the honor to state that I consider that the sum of Rs. 30 should be added to the rent (Rs. 85) now paid by the Public Works Department for the use of the Infant school, to enable the trustees of St. Mary's Charity to meet the cost of repairs in future to devolve upon them.

No. 1049, Ecclesiastical.

Transferred to the Public Works Department.

Ootacamund, (Signed) E. F. WEBSTER,
15th May 1884. Chief Secretary.

Order—dated 26th May 1884, No. 1315 W., Public Works.

It is observed that the rent of the building hired for the Infant school in Fort St. George was fixed at Rs. 85 per mensem, on condition that the Public Works Department should keep the premises in repair. The Examiner, Public Works Accounts, having pointed out, in his letter recorded with G.O., No. 422 W., dated 11th February 1884, that the repair of a private building at the expense of the State is opposed to code rule, it became necessary to reconsider the amount of rent which should be paid if the repairs of the building are in future to devolve on the trustees of St. Mary's Charity, in whom the building vests.

2. The garrison chaplain now reports that the future rent should, under the altered conditions, be fixed at Rs. 115 per mensem.

3. In his office note recorded above, the Examiner, Public Works Accounts, puts forward the opinion that any such enhancement of rent is opposed to the spirit of Public Works Code rules, as the outlay on repairs would thus be met in a different form, viz., by merging it in rent.

4. His Excellency the Governor in Council is unable to agree in the interpretation placed by the Examiner on the rules of the Public Works Code applicable to the case. A landlord has a right to expect that the rent received for his property shall not only cover cost of repairs and risks, but shall also leave a fair margin as interest on capital. This is no more than the Government themselves exact when providing buildings for the accommodation of public offices, and it seems anomalous that a different principle should be applied when the Government are themselves the tenants.

5. As, however, under the section of the code quoted by the Examiner, it is incumbent on the Government, in the case of a difference of opinion on a question of this character, to refer the matter for the orders of the Government of India, these proceedings will be forwarded accordingly.

(Here enter No. 1316 W., dated 26th May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.
" Military Department.

Endorsement—dated 26th May 1884, No. 1316 W., Public Works.

Copy of the above forwarded for the orders of the Government of India.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ACCOUNT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 26th.

Recd. *Encl.*

G.O., 26th May 1884, No. 1316 W.

MAY.

Infant School, Fort St. George

Requesting orders on the question of enhancing the present rent of the building hired for the — so as to meet the cost of repairs in future to devolve on the trustees of St. Mary's Charity, in whom the building vests.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From the Venerable J. F. BROWNE, Archdeacon of Madras, to the Chief Secretary to Government, dated Madras, 5th May 1884, No. 38.

I have the honor to submit, for the favorable consideration of Government, a letter from the Executive Engineer, in charge I Circle, forwarding plan and estimates for improvements to St. Stephen's church, Berhampore, and for completing the church enclosure.

2. These estimates had been submitted to me previously by the Rev. R. J. French, chaplain, and returned to him, as the amount was more than I had power to sanction. I took the opportunity, at the same time, of requesting him to show cause for the actual necessity of the work.

3. I think the answer to my request is furnished in letter (enclosed) No. 330 S.E., from the Executive Engineer, Ganjam Division, to the Superintending Engineer, I Circle.

4. As the building of the wall seems to be a necessity, and the other works desirable, the residents having done a great deal in the way of self-help, I trust sanction may be accorded for the amount asked for, less Rs. 10 included for flower pots in the cemetery, which I do not think a medical charge.

Enclosures.

From Captain G. C. RAWSON, R.E., Executive Engineer, in charge I Circle, to the Venerable the Archdeacon of Madras, dated Dowlaishweram, 29th April 1884, No. 2546 N.

I have the honor to forward, herewith, an estimate, amounting to Rs. 940, for making certain improvements to St. Stephen's church at Berhampore, together with a copy of letter, No. 330, dated 28th March 1884, from the Executive Engineer, Ganjam Division, explaining the circumstances under which the estimate has been prepared, and I request you will be good enough to obtain sanction to the same.

1 Tracing.
1 Estimate.
1 Specification.
1 Report.
1 Copy of No. 330, dated 28th March 1884, from the Executive Engineer, Ganjam Division.

From the Executive Engineer, Ganjam Division, to the Superintending Engineer, I Circle, Dowlaishweram, dated Berhampore, 28th March 1884, No. 330 S.E.

I have the honor to forward, for the sanction of Government, an estimate, amounting to Rs. 940, for additions and improvements to St. Stephen's church at Berhampore.

2. The requirements therein provided for were arrived at on consultation with the chaplain of the station, and are, in my opinion, absolutely necessary, especially those appertaining to the building itself for the comfort of the congregation. The addition of the north wall, to complete the church enclosure, is necessary to keep stray cattle, &c., out. I may add that the existing walls of the church compound were built from private funds, which did not, however, admit of all the walls being built. The church fund is in debt to the chaplain, and nothing further can be obtained from private sources. The Government, therefore, are now asked to complete the work, which I strongly recommend, it being also usual, in such cases, I believe, for Government to assist, more especially in this particular case, where their own property is involved.

No. 1043, Ecclesiastical.

Approved and transferred to the Public Works Department.

OOTACAMUND,
15th May 1884.

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 26th May 1884, No. 1317 W., Public Works.

The estimate, amounting to Rs. 330, for additions and improvements to St. Stephen's church at Berhampore, in the Ganjam district, is sanctioned against the minor works grant to the Ganjam division.

2. The provision of Rs. 10 for flower pots for the cemetery has been disallowed, as the charge does not appear debitable to the Public Works Department.

3. This sanction has been registered as Provincial No. 48 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with five enclosures.
" Examiner, Public Works Accounts.
" Ecclesiastical Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated May, 26th.

Recd. *Encl.*

G.O., 26th May 1884, No. 1317 W.

MAY.

St. Stephen's Church at Berhampore

Estimate of Rs. 930 *for additions and improvements to* —, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following paper:—

From C. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 29th March 1884, No. 1 G.N.

With reference to G.O., No. 3073, dated 31st October 1883, I have the honor to say that, before the estimate therein called for can be submitted, it is necessary that the question of where the well is to be constructed should be settled.

2. The native public of Berhampore are most anxious that it should be constructed near the well (No. 9 on enclosed plan) which, experience has proved to them, supplies wholesome water, and from which they used, for many years, to draw it.

3. The officer commanding the station objects on the ground that it will interfere with his parade ground. Of course, he is the best judge of this matter, but I must say, after inspection of the place, that it appears to me that the parade ground might well be considered to be bounded by the foot-path shown on the enclosed plan, to the south of it is rough, uneven ground already broken up by wells and a small tank; and that, after the arbitrary way in which the public have been deprived of the well which was public property, some consideration should be shown to them in the matter of providing them with a new well.

4. His Excellency the Commander-in-Chief has lately visited the station of Berhampore and has probably had the matter brought under his personal observation; or, at all events, he will know the parade ground, and I would suggest that he be asked to decide the matter.

5. I enclose a lithographed "plan of the cantonment of Berhampore" prepared at the Survey Office in 1876, but the Executive Engineer, Ganjam, has reported that, after proper inquiries, it has been ascertained that Berhampore is not really a cantonment.

No. 700 D., Public Works.

Referred, through the Military Department, for favor of His Excellency the Commander-in-Chief's opinion, with advertence to paragraph 4 of the Superintending Engineer's letter.

(By Order.)

Camp,
9th April 1884.

(Signed) C. BOWEN, Major, R.E.,
Under Secy. to Govt., P.W.D.

No. 1774, Military.

Forwarded.

Ootacamund,
12th April 1884.

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

To the Quartermaster-General.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 17th May 1884, No. 127-C.

In returning letter, No. 1 G.N., dated 29th March 1884, from the Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, with a plan of the cantonment of Berhampore, forwarded under your reference order, No. 1779, of the 12th instant, I am desired to state, for the information of Government, that His Excellency the Commander-in-Chief is of opinion that the new well proposed to be provided for the use of the civil population of Berhampore, in accordance with G.O., No. 3052 W., dated 31st October 1883, in the Public Works Department, should not be dug in such a position as would interfere with the water-supply of the wells reserved for the Military, which he feels sure it would do if in the immediate vicinity of them.

2. In His Excellency's opinion the best position for the new well would be at some spot between wells Nos. 12 and 13, which are now entirely used by the civil population.

No. 2444, Military.

Transferred to the Public Works Department, and the referred papers returned.

(By Order.)

(Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

21st May 1884.

Order—dated 28th May 1884, No. 1318 W., Public Works.

The Superintending Engineer will ascertain whether the site indicated by His Excellency the Commander-in-Chief is considered suitable by the municipality. If so, the estimate for the well can be prepared at once.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle, with plan.
" Military Department.
" Financial "

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 26th.

Recd. *Encs.*

G.O., 26th May 1884, No. 1318 W.

MAY.

Well

The Superintending Engineer, I Circle, to prepare at once an estimate for a — for the civil population in the cantonment of Berhampore, if the site therefor indicated by His Excellency the Commander-in-Chief be considered suitable by the municipality.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following letter from Captain C. C. RAWSON, R.E., Executive Engineer, in charge, I Circle, to the Chief Engineer for Irrigation, dated Dowleshweram, 25th April 1884, No. 380 G.D.:—

With reference to paragraph 6 of your memorandum, No. 1342 G.D., dated 9th April 1884, I have the honor to request that you will be good enough to obtain the sanction of Government to the entertainment of the temporary establishment, as per margin, which is required for the preparation of certain drawings.

	RS.
1 Draftsman, salary Rs. 30 per mensem, for two months	60
2 Tracers, salary Rs. 6 each per mensem, for two months	24
Total ...	84

2. As it is likely that the services of a qualified draftsman cannot be secured for so short a period as two months, I request permission to appoint an unpassed man to the post on the salary of Rs. 30 per mensem.

Forwarded to the Chief Engineer, Public Works Department, with a recommendation that the sanction of Government be obtained to the entertainment of the temporary establishment required by the Superintending Engineer, and that the appointment of an unpassed man to the post of draftsman be permitted if a passed candidate cannot be obtained.

OOTACAMUND,
23rd May 1884.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer for Irrigation.

ORDER—dated 27th May 1884, No. 1328 W., Public Works.

Sanctioned as proposed.

2. This sanction has been registered as Provincial No. 28 W. of 1884-85 and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Issue May, 27th.

Read. *Encl.*

G.O., 27th May 1884, No. 1328 W.

MAY.

Temporary Establishment

Sanctioning the entertainment of a — of a draftsman and two lascars by the Superintending Engineer, I Circle, and the appointment of an unpassed candidate to the post of draftsman.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following paper:—

Proceedings of the Government of India in the Public Works Department (General), dated Simla, 30th April 1884, No. 511-G.

The following is forwarded to the Local Governments and Administrations and officers marginally noted for information and for communication to all European Civil Engineers serving under them.

The Governments of Madras, Bombay, Bengal, North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burma, Assam, and Coorg.
The Resident, Hyderabad.
The Agents of the Governor-General for Central India, Rajputana and Beluchistan.
The Accountant-General, Public Works Department.
The Director-General of Railways.
The Consulting Engineers to the Government of India for Guaranteed Railways, Calcutta, Lahore, and Lucknow.
The Superintendent of Works, Simla Imperial Circle.

(By Order.)

(Signed) A. B. SAMPSON,
Under Secretary.

Resolution—By the Government of India, Department of Finance and Commerce, No. 449, dated 18th April 1884.

Read—

Paragraphs 12 and 18 of a despatch from the Right Honorable the Secretary of State, No. 18, dated 22nd March 1883, regarding the improvement of the pension scale and the proposed institution of a Provident Fund for the Civil Engineers of the Public Works Department.

Resolution—

With the sanction of the Secretary of State, the following improved scale of ordinary pensions for the European Civil Engineers of the superior Engineering Branch of the Public Works Department and those who may be transferred from that branch to any other branch of the department has been adopted:—

No. of years' service.	Sixtieth parts of average emoluments.	Subject to a maximum of	
10	20	1,000	On medical certificate.
11	21	1,400	
12	22	1,800	
13	23	2,200	
14	24	2,600	
15	25	3,000	
16	26		
17	27		
18	28		
19	29		
20 to 24	30	4,000	Without medical certificate.
25 and upwards		5,000	

All officers now in the department will, at the time of retirement, be allowed the option between the above scale and the pensions allowable under present rules.

2. The following special additional pensions are also authorised as rewards of approved service for those officers who serve in the high and responsible positions of Chief and Superintending Engineers:—

	Extra pension over and above that allowable under the scale of paragraph 1.
To those who have served three years as Chief Engineers, or who may have been graded as such	Rs. 2,000 per annum.
To those who may have served three years as Superintending Engineers	1,000 "

3. The above rules will apply, without further interpretation, to classes I, II, and III (?) of Schedule B of the Civil Pension Code. How far they may be applied to other European Engineers is a matter regarding which orders must for the present be reserved.

4. The institution of a voluntary Provident Fund for all Civil Engineers of the department on the following basis is sanctioned:—

(1) The contribution to be 5 per cent. on salaries of all subscribing to the fund, with voluntary contributions of a further 5 per cent.

(2) Compound interest at 4 per cent. on such payments to be annually credited by Government to each officer subscribing.

(3) The sum which will thus accumulate to the credit of an officer to be his absolute property to be handed over to him unconditionally on quitting the service, or, in the event of his death before retirement, to his legal representatives.

5. The new rules regarding pension embodied in the first three paragraphs of this Resolution will apply with retrospective effect from the 1st May 1883 to all classes of Civil Engineers to whom they are applicable.

Subscriptions to the Provident Fund may be made, under instructions that will issue hereafter, with effect from the 1st April 1884.

To the Secretary to the Government of Madras, Public Works Department.

Order—dated 27th May 1884, No. 1329 W., Public Works.

Communicated to the officers of the Public Works Department concerned, for information and guidance.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Engineer-in-Chief, State Railways.
" Superintending Engineers.
" Superintendent of Works, Tank Maintenance.
" Examiner, Public Works Accounts.
" Examiner, Railway Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 27th.

Recd. *Recd.*

G.O., 27th May 1884, No. 1329 W.

MAY.

Civil Engineers

Resolution of the Government of India concerning an improved pension scale and the institution of a Provident Fund for all Europeans —, communicated to officers of the Public Works Department concerned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 6th May 1884, No. 216 E.W.:—

I have the honor to bring to your notice that the Examiner of Public Works Accounts objects to pass daily allowance for a halt of more than 10 days at one place to Assistant Engineers Messrs. Ruthnasabapathy Pillay and Pogson while employed in the R. Project division, under section 29 of the Civil Travelling Allowance Code.

2. I consider they come under exception 1 (b) to the above section when they are employed solely in charge of surveys, and I therefore request you will be good enough to obtain the sanction of Government for the admission of the charge when they are so employed.

Office note from the Examiner, Public Works Accounts, dated 20th May 1884, No. 123

ORDER—dated 30th May 1884, No. 1353 W., Public Works.

The Examiner, Public Works Accounts, is authorised to admit the claims to travelling allowance preferred in the foregoing correspondence on behalf of Messrs. Ruthnasabapathy Pillay and Pogson, Assistant Engineers.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 30th.

Recd. *Fast.*

G.O., 30th May 1884, No. 1353 W.

MAY.

Travelling Allowances

The Examiner, Public Works Accounts, authorised to admit certain claims to — preferred on behalf of Messrs. Ruthnasabapathy Pillay and Pogson, Assistant Engineers.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—the following papers :—

From the Superintending Engineer, II Circle, dated 19th April 1884, No. 188 K.S.
From the Chief Engineer for Irrigation, dated 28th April 1884, No. 46 E.W.
From the Superintending Engineer, II Circle, dated 7th May 1884, No. 365 K.S.
Endorsement from the Chief Engineer for Irrigation, dated 13th May 1884, No. 47 E.W.
Office note from the Examiner, Public Works Accounts, dated 26th May 1884, No. 181.

Order—dated 30th May 1884, No. 1354 W., Public Works.

The permanent navigation establishment required in the Kistna delta system, as shown in the tabular statement printed with these proceedings, is sanctioned. It shows a net monthly increase of Rs. 2.

2. This sanction has been registered as Provincial No. 19 W. of 1884-85, and classified as Establishment, Permanent.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.

GENERAL.
ESTABLISHMENT.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 30th.

Recd. *Enst.*

G.O., 30th May 1884, No. 1354 W.

MAY.

Establishment

Proposed changes in the permanent navigation — required in the Kistna delta system, sanctioned.

II CIRCLE.

Statement of Proposition for Revision of Permanent Navigation Establishment.

Order sanctioning present Establishment—Government of Madras, Public Works Department. Number.	Date.	Office to which the proposition refers.	Present Scale. Number.	Present Scale. Designation.	Pay. Minimum.	Pay. Increment.	Pay. Maximum.	Average or Fixed.	Proposed Scale. Number.	Proposed Scale. Designation.	Pay. Minimum.	Pay. Increment.	Pay. Maximum.	Average or Fixed.	Permanent. Increase per Month. Amount.	Permanent. Decrease per Month. Amount.	Temporary. Increase per Month. Period.	Temporary. Increase per Month. Amount.	Temporary. Decrease per Month. Period.	Temporary. Decrease per Month. Amount.	Remarks by Local Government.
					RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.	RS.	RS.		RS.		RS.	
1007 W.	2nd April 1884.	Kistna Delta System.	3	Lock superintendents at Rs. 15 ..	..	..	..	45	3	Lock superintendents at Rs. 15 ..	..	..	..	45	..	..	..	..	..	..	
4970 W.	30th Oct. 1883.		7	Do. at „ 12 ..	..	..	..	84	8	Do. at „ 12 ..	..	..	..	96	12	..	..	..	..	..	
			11	Do. at „ 10 ..	..	..	..	110	10	Do. at „ 10 ..	..	..	..	100	..	10	..	..	..	..	
			14	Lascars at „ 8 ..	..	..	..	112	14	Lascars at „ 8 ..	..	..	..	112	..	..	..	..	..	..	
			15	Do. at „ 7 ..	..	..	..	105	15	Do. at „ 7 ..	..	..	..	105	..	..	..	..	..	..	
			22	Do. at „ 6 ..	..	..	..	132	22	Do. at „ 6 ..	..	..	..	132	..	..	..	..	..	..	
			23	Do. at „ 5 ..	..	..	..	115	23	Do. at „ 5 ..	..	..	..	115	..	..	..	..	..	..	
			2	Traffic clerks at „ 12 ..	..	..	..	24	2	Traffic clerks at „ 12 ..	..	..	..	24	..	..	..	..	..	..	
			1	Boat clerk, 5th class, 1st grade ..	15	1	20	18¼	1	Boat clerk, 5th class, 1st grade ..	15	1	20	18¼	..	..	..	..	..	..	
			98	Total ..	..	..	..	746¼	98	Total ..	..	..	..	748¼	12	10	..	..	..	..	

Note.—This is to provide for the increase of pay to the lock superintendent at Cowtaram, in the Gudivâda division, from Rs. 10 to 12 per mensem.

Gudivada,
7th May 1884.

(Signed) J. W. RUNDALL,
Superintending Engineer, II Circle.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

Telegram to the Government of India, Department of Finance and Commerce, dated 11th May 1884.

Madras Chamber of Commerce have been asked to express their opinion as to creation of port trust. May this Government communicate the decision of Home Government to keep the eastern entrance open. We consider they should be in possession of this information.

Telegram from the Government of India, Department of Finance and Commerce, dated 27th May 1884.

Your telegram 145, Madras Harbour. Home Government's decision to keep eastern entrance open may be communicated to Chamber of Commerce.

ORDER—dated 30th May 1884, No. 1355 W., Public Works.

Ordered that the foregoing correspondence be communicated to the Madras Chamber of Commerce for information.

(Here enter No. 1356 W., dated 30th May 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Marine Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 30th.

Recd. *Read.*

G.O., 30th May 1884, No. 1355 W.

MAY.

Madras Harbour

Ordered that the telegrams to and from the Government of India in regard to the eastern entrance of the — be communicated to the Madras Chamber of Commerce for information.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

COLONEL J. SHAW-STEWART, R.E.,

Secretary to the Government of Madras,

Public Works Department,

To

THE CHAIRMAN, CHAMBER OF COMMERCE,

Madras.

SIR,

I am directed to forward, for the information of the Chamber of Commerce, a copy of the accompanying proceedings of Government embodying telegrams to and from the Government of India in regard to the eastern entrance of the Madras Harbour.

I have the honor to be,

Sir,

Your most obedient servant,

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
30th May 1884.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of | 1884 | Madras.

PUBLIC WORKS.

Dated May 30th.

Recd. *Encl.*

30th May 1884, No. 1356 W.

MAY.

Madras Harbour

Forwarding, for the information of the Chamber of Commerce, a copy of proceedings embodying telegrams, to and from the Government of India in regard to the eastern entrance of the —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Camp, Gudivâda, 8th May 1884, No. 960 K.S.

I have the honor to forward, herewith, for your approval and sanction of Government, two estimates, in duplicate, amounting to Rs. 26,950 and 5,781, for stone manufacture at Bezvâda and Sîtanagaram quarries, and lime manufacture at Bezvâda respectively, both during 1884-85.

2. For my future guidance, I request you will be good enough to let me know what is meant by the following wording in paragraph 2141 of the Public Works Code :—

"If the materials be ………. for reserve stock within the sanctioned limit for the division the estimate will merely require the approval of the Superintending Engineer ………."

The amount of reserve stock for the Eastern division, to which the above estimates appertain, is Rs. 48,000, and that for stock manufacture Rs. 8,000. The latter is included in the limit for reserve stock. If the former amount is meant by paragraph 2141 the estimates will be within my powers of sanction.

3. As, however, I am doubtful of the correctness of the above view, I submit the enclosed estimates for the sanction of Government, as was done last year.

Office Note from the Examiner of Public Works Accounts, dated 20th May 1884, No. 123.

Your office note, No. 935 D., dated 16th May 1884.

The rule has been explained to the Superintending Engineer, II Circle, on several occasions, see margin. An extract from the last quoted letter is subjoined for information :—

Objectionable Items Statement, Sangam, for June 1883.
Do., Nellore, for July 1883.
Do., Sangam, for July 1883.
Do., Nellore, for August 1883.
Do., Nellore, for September 1883.
Do., Sangam, for October 1883.
Do., Sangam, for November 1883.
Correspondence ending with Examiner's (Public Works Accounts, Madras) No. 166 S.K.-II dated 27th July 1883, to the Superintending Engineer, II Circle.

Paragraph 2. * * * as the stock in the Kistna Eastern division, at the end of May 1883 (value Rs. 45,000) was almost up to the reserve limit (Rs. 48,000) sanctioned by Government, it appears necessary, under sub-paragraph 2141, that the sanction of Government be obtained to the present estimate (manufacture of stone at Bezvâda and Sîtanagaram, Rs. 29,469).

2. In the present case the sanctioned reserve limit is Rs. 48,000. The balance of stock at end of March 1884 was Rs. 47,567. The estimates for further manufacture amount to Rs. 26,950 + 5,784 = Rs. 32,734. The sanction of Government, therefore, to the estimates is clearly necessary under the rule.

ORDER—dated 30th May 1884, No. 1357 W., Public Works.

The estimates, aggregating Rs. 32,734, for the collection of materials in the Eastern Kistna division, during the official year 1884-85, is sanctioned as noted below:—

	RS.
Manufacture of lime at Bezwada	3,784
Preparation of stone at Bezwada and Sitanagaram quarries ...	28,950

2. Examiner's office note, No. 153, dated 20th May 1884, regarding the value of stock in the division, will be communicated to the Superintending Engineer, II Circle.

3. These sanctions have been registered as Provincial Nos. 52 W. and 53 W. of 1884-85, and classified as Stock.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle, with two estimates.
" Examiner, Public Works Accounts, with two duplicate estimates.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1884 Madras.

PUBLIC WORKS.

Dated May, 30th.

Read. *Exd.*

G.O., 30th May 1384, No. 1357 W.

MAY.

Materials

Estimates, amounting to Rs. 32,784, for the collection of — in the Eastern Kistna division, during 1884-85, sanctioned.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From Lieutenant-Colonel J. PENNYCUICK, R.E., Superintendent of Works, Tank Maintenance Scheme, to the Chief Engineer, Public Works Department, dated Chepâk, 15th May 1884, No. 849 T.

With reference to your endorsement, No. 838 D., dated 2nd instant, I have the honor to submit the proposition statement therein called for, and to state that the services of a storekeeper found to be necessary has been provided for in this statement, and request you will be so good as to obtain the sanction of Government for the additional establishment.

From the same officer, dated 15th May 1884, No. 850 T.

I have the honor to submit a proposition statement showing the number of lascars required for the upper subordinates employed in the No. II Tank division at St. Thomas' Mount, and to request that you will be so good as to obtain the sanction of Government for their entertainment.

ORDER—dated 30th May 1884, No. 1358 W., Public Works.

The further petty and office establishment required in the Tank Maintenance Scheme, as shown in the tabular statement printed with these proceedings, is sanctioned. The total monthly cost will now amount to Rs. 5,353-5-0.

2. This sanction has been registered as Provincial No. 20 W. of 1884-85, and classified as Establishment, Temporary.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Tank Maintenance Scheme.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.

GENERAL.
ESTABLISHMENT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May, 30th.

Recd. *Encl.*

G.O., 30th May 1884, No. 1358 W.

MAY.

Establishment

Sanctioning a further petty and office — required in the Tank Maintenance Scheme.

TABULAR Statement showing the proposed Changes in the Establishment of the Tank Maintenance Scheme.

Order sanctioning the present Establishment—Government of Madras, Public Works Department. Number	Date	Offices to which the proposals relate	Present Scale. Number	Present Scale. Designation	Pay. Minimum	Pay. Increment	Pay. Maximum	Pay. Average or Total	Proposed Scale. Number	Proposed Scale. Designation	Pay. Minimum	Pay. Increment	Pay. Maximum	Pay. Average or Total	Permanent. Increase per month. Amount	Permanent. Decrease per month. Amount	Temporary. Increase per month. Period	Temporary. Increase per month. Amount	Temporary. Decrease per month. Period	Temporary. Decrease per month. Amount	Remarks.
					RS.	RS.	RS.	RS.			RS.	RS.	RS.	RS.			MONTHS.	RS.		RS.	
882 W.	1st April 1884.	No. I Tank Division.	..	As shown in G.O. No. 882 W., dated 1st April 1884	..	..	..	2,000		As shown in G.O. No. 882 W., dated 1st April 1884	..	..	..	2,000	..	..	..	..	..	..	
									1	Clerk	..	..	..	10	..	..	12	15	..	..	
									1	Storekeeper	..	..	..	15	..	..	..	15	..	..	
									1	Messenger	..	..	..	9	..	..	..	9	..	..	
852 W.	1st April 1884.	No. II Tank Division.	..	Do. do. do. ..	..	..	..	2,596	..	As shown in G.O. No. 882 W., dated 1st April 1884	..	..	..	2,656	..	..	..	..	..	..	
									19	Lascars	..	..	..	60	..	..	..	60	..	..	
1116 W.	7th May 1884.		..	Other items sanctioned in G.Os. Nos. 882 W., dated 1st April 1884, and 1116 W., dated 7th May 1884	..	..	..	3,050½	--	Other items shown in G.Os. Nos. 882 W., dated 1st April 1884, and 1116 W., dated 7th May 1884..	..	..	..	3,050½	..	..	..	..	..	..	
				Total ..	..	..	..	8,102[illegible]		Total ..	..	..	..	8,1[illegible]	..	..	..	66		..	
										Net increase per annum	..	..	..		..	..	..	[illegible]	..	..	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

G.O., dated 30th April 1884, Mis. No. 1814, Revenue.

Read—the following proceedings of the Board of Revenue, dated 16th April 1884, Mis. No. 3152 :—

Read—the following letter from C. L. B. CUMMING, Esq., Acting Sub-Collector, to the Acting Collector, Godávari district, dated Rajahmundry, 18th March 1884, No. 87 :—

I have the honor to reply to paragraph 1 of G.O., No. 2469, Public Works, dated the 3rd September last, communicated with your memorandum, No. 693, dated 26th September 1883, regarding the steamer *Godávari* at present working on the Rajahmundry ferry.

2. The steamer was built in 1867 and is therefore *an old one*. It has been used on the ferry since August 1881 up to date except when taken off for repairs in 1882 and 1883. These were executed either locally or at the Public Works Department workshop.

3. It must have been in a bad state when first made over to the ferry as it had to be repaired again as soon as June 1882, or after it had been running only ten months. It was under repairs on this occasion from 9th June to 13th September 1882, a period of over three months.

4. The repairs were carried out at the Public Works Department workshop at a cost of Rs. 1,130, and Mr. Lerminie, the Executive Engineer, writing to Mr. Fawcett, the late Sub-Collector, then stated that on completion of these repairs the steamer would, if used with care, work for another eighteen months without needing to be repaired again.

5. But whether owing to the repairs of September 1882 not having been properly executed or to some other cause the steamer was found to require repairs again in July 1883, when she was sent to be sold, *i.e.*, after she had been running only a little more than ten months from the date of her last repairs.

6. Mr. Jopp was apparently in ignorance of the fact that she had been repaired by his department so recently as September 1882 when he wrote "in my opinion she should have been laid up for repairs months ago." I may further mention that she was taken off from running for six days in February 1883 for local repairs.

7. As regards the alleged neglect of timely repairs, I beg to point out that the engine driver never brought to my notice that the steamer was in need of serious repairs except on the one occasion above alluded to (February 1883) on which it was locally repaired, but all his indents for tools and petty repairs were attended to, except the last, as is shown below, viz. :—

In September 1882.—Steering stenson repaired.

In February 1883.—The following articles were supplied to engine drivers :—

1 Flat file.
1 Half round file.
1 Flat file with round edges.
4 Oz. English emery to grind up brass work.
1 Hand vice.

From 23rd February to end of month.—Certain repairs were executed locally by a maistry supplied by the Public Works Department.

On 13th June 1883.—The following articles were indented for by the engine driver, but were not supplied as the steamer was about to be sold :—

24 paddle arm bolts with nuts, split keys.
18 stay rod bolts with nuts.
20 3/8 bolts with nuts.
40 split keys.

I may remark that the engine driver did not want these latter articles for immediate use but represented that he would require them only during the freshes and could even get on without them. The tahsildar therefore did not recommend the supply of the articles, particularly as the steamer was about to be sold. The engine driver having, however, in July, again represented that they were wanted, the tahsildar recommended and I sanctioned the purchase of such of the articles as were absolutely necessary. Before they could be supplied, however, the steamer was sent away to Dowlaishweram for sale. It will thus be seen that the statement made in paragraph 3 of Mr. Jopp's letter, printed in the Government order under reference, viz., "that during the last 12 months she has absolutely not had a single day's rest, nor have the indents made by the engine driver for sundry repairs, from time to time, been complied with," is incorrect, inasmuch as during the 10½ months in which the steamer was employed on the ferry a rest of six days was given in February and the necessary repairs and all the engine driver's indents but the last were complied with.

8. So long as the steamer is employed on ferry duty it is impossible to give it rest at stated intervals without causing inconvenience to the public. At present it makes four trips a-day but rests during the nights. It was never said by the Public Works Department officers, either when the steamer was first hired from them for the ferry or subsequently, that any or what rest should be given her periodically.

9. In conclusion, I may remark that the fact of the steamer having twice given way and required repairs after running each time for only 10 months shows, I think, that the steamer has arrived at that state that any amount of repair will not make it thoroughly efficient or reliable or prevent it breaking down again. It is therefore advisable that instead of trying to constantly patch up so old a steamer as the *Godavari* a new one should be procured without loss of time.

No. 130.

Submitted to the Board of Revenue, with reference to their proceedings, No. 3735, dated 11th September 1883, communicating G.O., No. 2439 W., dated 3rd idem.

Camp, Pursushotapatnam, (Signed) W. A. HAPPELL,
24th March 1884. Acting Collector.

Resolution—dated 16th April 1884, Mis. No. 3132.

Submitted to Government in reply to G.O., No. 3736, dated 11th September 1883.

(True Copies and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

Order—dated 30th April 1884, Mis. No. 1814, Revenue.

Transferred to the Public Works Department, with reference to paragraph 1 of the order in that department, dated 3rd September 1883, No. 2439 W.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

From Captain C. C. RAWSON, R.E., Executive Engineer, in charge I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 17th May 1884, No. 481 G.D.

With reference to your memorandum No. 89 E., dated 8th May 1884, desiring me to report what arrangements had been made about the steamer *Godávari*, I have the honor to forward copies of correspondence as shown below:—

(1.) Letter from Collector to the Superintending Engineer, I Circle, dated 22nd October 1883, No. 154.

(2.) Letter from the Superintending Engineer to the Collector, dated 8th November 1884, No. 2345 G.D. (Copy of this letter was sent to the Eastern division officer for information.)

2. After the receipt of this letter by the Executive Engineer, Eastern division, the *Godávari* was regularly inspected and she worked satisfactorily until the middle of March 1884.

3. On the 27th March 1884 the Executive Engineer reported to the Superintending Engineer "that the steamer *Godávari* is in urgent need of repairs and requests that she be sent to the shop at Dowlaishweram at once; it is not safe to work her as she is."

4. No orders appear to have been given by the late Superintending Engineer on the subject.

5. On the 3rd April letter, No. 70, dated 1st April 1884, was received from the Sub-Collector (copy herewith), and a reply, No. 103 G.D., dated 8th April 1884, was sent to the Sub-Collector, copy of which is enclosed.

6. The steamer was not sent to the workshop at the beginning of May, and I have received no reply from the Sub-Collector; the steamer is still working on the ferry.

7. I have to-day telegraphed to the Collector to direct the *Godávari* to cease running and to go to Dowlaishweram for repairs.

ENCLOSURES.

From the Acting Collector, Godávari District, to the Superintending Engineer, I Circle, dated Cocanada, 22nd October 1883, No. 154.

In reply to your letters, No. 1797 G.D., dated the 14th ultimo, and No. 1989 G.D., dated the 17th instant, I have the honor to inform you that the plans and specifications referred to in paragraph 2 of the G.O., No. 2294 W., dated the 18th August last, are in the Government office. I have requested the Board of Revenue to move Government to send them to me. I shall send them to you as soon as they are received.

2. I request that plans and specifications for a steamer for the Godávari ferry, to cost about Rs. 50,000, be prepared as soon as possible as it is very important that the new steamer should be ready by the beginning of June 1884.

3. I believe your views as to the kind of steamer required are correctly expressed in paragraph 4 of my letter No. 256, dated the 11th June 1883, to the Board of Revenue, printed in Government order, No. 2291, dated the 10th August last.

4. The *Godávari* will need to be examined from time to time to see whether she needs repairs. I shall feel obliged by your letting me know whether it would not be sufficient for this purpose for an officer of your department to make a periodical or occasional trip in her. It would be very inconvenient to lay her up whenever she needs to be examined unless another steamer could be spared to take her place.

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Collector, Godávari district, dated Dowlaishweram, 8th November 1883, No. 2345.

With reference to last paragraph of your No. 154, dated 22nd October 1883, I have the honor to state that I will arrange that either the head works sub-division officer or the supervisor in charge of the workshop shall take a trip once a-month in the *Godávari* and see what may be necessary to keep her going.

2. It is most advisable that as well as the engine driver and his assistant there should be always on board the steamer an experienced "fitter" with the necessary tools and appliances for immediately remedying small defects which from time to time are sure to appear in the engines, and which if not promptly attended to rapidly become serious.

From C. L. B. CUMMING, Esq., Acting Sub-Collector, to the Superintending Engineer, I Circle, dated Vadapolli, 1st April 1884, No. 79.

Referring to G.O., dated 3rd September last, No. 2469 P.W., I have the honor to request that you will be good enough to let me know what rest, and how often, the steamer *Godavari* should have, and whether you want her to be sent to Dowlaishweram for inspection during the period of such rest.

2. I believe what the Government said in paragraph 3 of their order refers to the new steamer to be purchased for the ferry.

From Captain C. C. RAWSON, R.E., Executive Engineer, in charge I Circle, to the Sub-Collector, Godavari district, dated Dowlaishweram, 8th April 1884, No. 103 R.D.—

Referring to your letter, No. 79, dated 1st April 1884, I have the honor to inform you that I consider that the *Godavari* should be sent to the workshop at Dowlaishweram once a-month. The first Monday in every month might be fixed as the day.

2. When in the shop, she should be thoroughly overhauled and any minor repairs executed; this would probably take three days, as it would be absolutely necessary to empty the boiler.

3. It is impossible for the engine driver to do these minor repairs unless the steamer be laid up for a few days; because working all day and every day, as she now does, the boiler never gets cold enough to allow men to work at it.

4. With reference to paragraph 2 of your letter, I would remark that if periodical inspections are necessary in the case of the new steamer, they are much more so in an old, worn-out ship like the *Godavari*.

ORDER—dated 30th May 1884, No. 1369 W., Public Works.

The Collector will be instructed in the Revenue Department to give effect to such suggestions as may be made by Public Works officers for the efficient maintenance of the steamer *Godavari* while the vessel is employed on ferry work.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, I Circle.
" Revenue Department.

GENERAL.
ACCOUNT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated May 30th.

Read. *Read.*

G.O., 30th May 1884, No. 1359 W.

MAY.

Steamer "Godavari"

Ordering that the Collector should be instructed to give effect to suggestions made by Public Works officers for the efficient maintenance of the — while employed on ferry work.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

TABULAR STATEMENT OF MISCELLANEOUS PROCEEDINGS AND MATTERS OF ROUTINE,

BUILDINGS AND ROADS.

FOR THE MONTH OF MAY 1884.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Madras School of Arts.—The Consulting Architect to Government to at once carry out the urgent repairs required at the premises of the — and submit estimates for certain improvements.	1st May 1884, No. 1083 W.	12th Nov. 1883, No. 3208 W. 17th Dec. 1883, No. 3565 W. 9th Feb. 1883, No. 418 W. 3rd Dec. 1883, No. 2162 G. 8th Feb. 1884, No. 299 G.
E. Venkataswamy, Assistant Draftsman, Vizagapatam Division Office.—Directing that the deduction from the salary of — for having not passed the examination in Chapter VII of the Public Works Code, be made from the date of the first annual examination for draftsmen which took place after the man's appointment.	1st do. do. No. 1084 W.	13th Feb. 1882, No. 437 W. 12th May 1883, No. 943 G. 14th Nov. 1883, No. 3227 W. 24th Aug. 1883, No. 1664 G.
P. Ramaswamy, Pondal, Overseer.—Withdrawing the order of dismissal of — for absence without leave, and punishing him instead by suspension from office and by reduction from the 2nd to the 3rd grade of overseer.	2nd do. do. No. 1089 W.	25th Feb. 1884, No. 283 D. 5th Mar. 1884, No. 527 C. 15th Mar. 1884, No. 723 W. 17th Mar. 1884, No. 333 D. 2nd April 1884, No. 869 C.
Nadol Channel Project.—Ordered that Colonel J. Mullins' report on the —, in His Highness the Nizam's dominions, be forwarded to the Resident at Hyderabad.	2nd do. do. No. 1090 W.	9th Feb. 1882, No. 384 W. 21st Mar. 1882, No. 746 W. 3rd April 1882, Nos. 876-77 W. 8th May 1882, No. 1157 W.

Subjects.	Numbers and Dates of Order.	Numbers and Dates of previous Orders.
		continued. 2nd Dec. 1883, Nos. 2465-66 W. 21st Feb. 1884, Nos. 475-76 W. 4th Feb. 1884, No. 248 D. 21st Feb. 1884, No. 361 D. 11th Mar. 1884, No. 476 D.
Letter forwarding above to the Resident at Hyderabad.	2nd May 1884, No. 1091 W.	......
C. Murugesa Mudaliy, late Overseer's Clerk.—Orders on a petition from —.	2nd do. do. No. 1092 W.	23rd April 1881, No. 1121 W. 17th Sept. 1881, No. 2249 W. 4th May 1882, No. 1122 W.
T. Venkatachella Pillay, late Superintendent of Kumbakonam Convent, Chingleput District.—Informed, in reply to his petition praying for a pension, that Government would not reopen his case of dismissal in 1879 for idleness and disobedience.	2nd do. do. No. 1093 W.	No. 439 of 1880, Public Department, 30th June 1880, No. 1021 C.E. 21st Sept. 1880, No. 2143, Memo. 17th Dec. 1883, No. 3094 W.
Tents required in the Nellore District.—Estimate of Rs. 620 for the purchase of —, sanctioned.	2nd do. do. No. 1094 W.	......
Oodiur Tank, South Arcot District.—Payment of the bill of Rs. 175 for conducting the case against ryots for mischief done to the calingulah of the —, sanctioned.	2nd do. do. No. 1095 W.	13th Sept. 1883, No. 2562 W.
Local Fund Budget Estimate, Tanjore Circle, 1884-85.—Proceedings, Board of Revenue, submitting to Government the —, communicated to the Superintending Engineer, VI Circle, and the Examiner, Public Works Accounts.	3rd do. do. No. 1099 W.	25th April 1884, No. 1049 W. 14th Sept. 1883, No. 2682 W.
Cauvery bridge on the Madras Railway.—Correspondence on the subject of rendering the — available for wheeled traffic so that the cart-road from Erode to Sankaridrug may cross the Cauvery over that bridge, ordered to lie over.	3rd do. do. No. 1100 W.	14th June 1880, No. 233 R. 23rd Nov. 1880, No. 806 R. 31st May 1879, No. 1815 C.E. 8th April 1884, No. 696 D.
Mr. W. S. Haig, Assistant Engineer.—Ordered that the last pay certificate with medical case and certificate of —, on furlough on medical certificate, be forwarded to the Home Government.	3rd do. do. No. 1101 W.	19th April 1884, No. 1012 W. 10th April 1884, No. 731 D. 9th April 1884, No. [illegible] D. 8th April 1884, No. 707 D. 3rd April 1884, No. 664 D.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		concluded. 28th Mar. 1884, No. 769 C. 24th Mar. 1884, No. 736 C. 6th Mar. 1884, No. 646 C.
Letter forwarding above to the Under Secretary of State for India.	3rd May 1884, No. 1102 W.	......
Steam launches for the Salt Department, Madras.—Ordered that the Director of Indian Marine be informed of the decision of Government to postpone the proposal to procure from the Government dockyard at Kidderpore two —	3rd do. do. No. 1103 W.	18th April 1883, No. 1135 W. 18th Oct. 1883, Nos. 2992-93 W. 18th Oct. 1883, No. 187 W. Letter to Secretary of State, 11th Jan. 1883, No. $\frac{1}{113}$ W. 11th April 1883, No. 1135 W. 4th Jan. 1884, No. 8 C. 14th Feb. 1884, No. 400 W. Letter to Secretary of State, 14th Feb. 1884, No. $\frac{4}{10}$ W. 21st Feb. 1884, No. 481 C. 5th Mar. 1884, No. 582 C. 20th Mar. 1884, No. 671 C. 28th Feb. 1884, No. 480 C. 18th April 1884, No. 790 D.
Letter to the Director of Indian Marine	3rd do. do. No. 1104 W.	......
T. Venkatachella Iyengar, late Clerk, Madras Sub-Division Office, Public Works Department, Madras District, informed that no further petitions from him on the subject of his forfeiture of appointment will be noticed.	3rd do. do. No. 1105 W.	Petition Department, 7th Nov. 1879, No. 1883.
Return of grants and approximate receipts, expenditure and unspent balances Madras Harbour Works, on 20th April 1884, recorded.	3rd do. do. No. 1106 W.	27th Mar. 1884, No. 812 W.
Return of grants and approximate receipts, expenditure and unspent balances, of the Public Works Department, Madras on the 31st March 1884, recorded.	3rd do. do. No. 1107 W.	1st Mar. 1884, No. 563 W. 2nd April 1884, No. 935 W.
Return of grants and approximate receipts, expenditure and unspent balances of the Public Works Department, Madras on the 20th April 1884, recorded.	3rd do. do. No. 1108 W.	27th Mar. 1884, No. 841 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Return of grants and approximate receipts, expenditure and mapped balances of the Madras Harbour Works, on the 31st March 1884, recorded.	3rd May 1884, No. 1109 W.	27th Mar. 1884, No. 840 W.
General Hospital, Madras.—The Superintending Engineer, V Circle, to arrange for punkahs being put up and connected to the engine, in the Hobart and adjacent wards of the — and for shower and *douche* baths being constructed in the bath-room adjacent to the wards above referred to.	3rd do. do. No. 1111 W.	......
Embarkation and disembarkation charges.—Proceedings, Financial Department, forwarding to the Government of India certain papers in regard to the — incurred by officers proceeding on duty by sea, recorded.	5th do. do. No. 1114 W.	8th Feb. 1884, No. 332 W. 26th Mar. 1884, No. 738 C. 8th April 1884, No. 844 C. 10th Mar. 1884, No. 475 D.
Mr. F. J. Wilson, Assistant Engineer.—The proposal to hold — superintend the Buckingham Canal basin and lock works, &c., instead of proceeding to the charge of the northern sub-division of the Buckingham Canal division for the few days after which he will avail himself of his leave, sanctioned and presidency allowance for the period allowed.	6th do. do. No. 1116 W.	24th Mar. 1884, No. 580 D.
D. Gopalsawmy, Clerk, Chicacole Sub-Division, Ganjam Division.—Sanctioning a remuneration of Rs. 5 monthly from the Chicacole bridge allotment to — for services rendered to the bridge committee out of office hours.	5th do. do. No. 1117 W.	......
Budget estimate of the Imperial Civil Buildings, Roads and Services, Punjab for 1884-85 (Final Issue).—Letter from the Government of Punjab forwarding a copy of the —, recorded.	5th do. do. No. 1118 W.	28th April 1883, No. 1243 W.
Overseer Gunner J. Richardson.—Letter from Superintending Engineer, II Circle, requesting to have early orders passed on his report against —, recorded.	6th do. do. No. 1119 W.	18th April 1884, No. 981 W. 25th April 1884, No. 803 D.
Erratum.—G.O., No. 1096 W., dated 2nd May 1884, being corrected into G.O., No. 1096 W., dated 2nd May 1884.	6th do. do. No. 1130 W.	......
Settlement of buildings in the Burliyar Circuit, Nilgiris.—Proceedings, Revenue Department, approving, with remarks, proposals relating to the —, communicated to the Superintending Engineer, IV Circle.	6th do. do. No. 1131 W.	......
Rain-gauges.—Proceedings, Revenue Department, communicating, with remarks, to the Board of Revenue letter from Mr. Michie Smith offering suggestions with regard to the construction of —, communicated to Superintending Engineers.	6th do. do. No. 1132 W.	22nd April 1884, No. 1029 W.
Local Fund Budget, South Arcot Circle, 1884-85.—Proceedings, Board of Revenue, submitting to Government the —, recorded.	6th do. do. No. 1133 W.	31st Aug. 1883, No. 2458 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Military Buildings.—Forwarding to the Government of India, with remarks, copies of the plans and estimates for converting the racket court in Fort St. George into a covered gymnasium and for constructing public buildings for a regiment of native cavalry at Bangalore.	5th May 1884, No. 1136 W.	24th Oct. 1883, No. 3092 W. 4th Mar. 1884, No. 596 W. 11th Mar. 1884, No. 584 C. 26th Mar. 1884, No. 750 C. 10th Jan. 1884, No. 47 W. 31st Mar. 1884, No. 869 W.
Surplus and Unserviceable Stores, Presidency Public Works Stores Division.—Directing that the difference between the book-value and the amount realized by sale of certain — be written off to debit of "Tools and Plant" instead of to profit and loss as previously ordered.	7th do. do. No. 1137 W.	16th April 1884, No. 987 W. 25th Sept. 1883, No. 2682 W. 21st Oct. 1882, No. 2743 W. 5th Jan. 1882, No. 3 W. 21st Sept. 1881, No. 2381 W. 15th Nov. 1881, No. 2849 W. 24th Mar. 1884, No. 765 W.
Land required for a recreation ground at Ootacamund.—Proceedings, Revenue Department, placing the — in the charge of the Director of Government Cinchona Plantations, Parks and Gardens, Nilgiris, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	7th do. do. No. 1136 W.	......
Objectionable Issue Statement, Imperial and Provincial, II Circle, for February 1884.—Orders on —.	7th do. do. No. 1139 W.	18th April 1884, No. 405 I. 9th April 1884, No. 967 W. 23rd July 1883, No. 2018 W. 21st June 1883, No. 1711 W. 18th Mar. 1884, No. 712 W. 28th July 1882, No. 2006 W. 21st April 1884, No. 1019 W. 22nd Mar. 1884, No. 716 C.
Local Fund Budget, Nilgiri Circle, 1884-85.—Proceedings, Financial Department, reviewing the —, recorded.	7th do. do. No. 1140 W.	28th Sept. 1882, No. 2598 W. 9th June 1883, No. 1625 W. 24th Jan. 1884, No. 225 W.
Pier at Gopalpur.—Letter from the Master Attendant requesting return of the estimates he had forwarded for a —, recorded.	7th do. do. No. 1141 W.	11th April 1884, No. 156 (Marine).

Subjects.	Number and Date of Order.	Number and Date of previous Orders.
Lawrence Asylum Branch Press at Ootacamund.—Proceedings, Public Department, intimating the opening of a —, recorded.	7th May 1884, No. 1142 W.	......
Monthly appropriation returns, Imperial and Provincial for March 1884.—The —, ordered to be forwarded to the Accountant-General, Public Works Department.	7th do. do. No. 1143 W.	25th Mar. 1884, No. 534 W.
Above forwarded to the Accountant-General, Public Works Department.	7th do. do. No. 1144 W.	......
Budget Estimate of Provincial Services, Public Works Department, North-West Provinces and Oudh for 1884-85 (Grant [illegible]).—Letter from the Government of North-West Provinces and Oudh forwarding a copy of the —, recorded.	7th do. do. No. 1145 W.	......
Major J. L. L. Morant, R.E.—The travelling allowance bill for February and March 1884 of —, passed and transferred to the Examiner, Public Works Accounts, with remarks.	7th do. do. No. 1151 W.	8th June 1883, No. 1067 W. 20th Feb. 1884, No. 405 W.
Mr. A. Jones, Assistant Engineer.—Declining to sanction the advance of two months' pay claimed by — about to proceed on furlough.	7th do. do. No. 1154 W.	......
Pension.—Proceedings, Pension Department, granting an invalid — of Rs. 8-5-4 per mensem to Ghulam Nabi Sahib, late Public Assistant Superintendent, North Arcot, recorded.	7th do. do. No. 1156 W.	......
Budget Estimate of the Provincial Funds of the Public Works Department, Punjab for 1884-85.—Letter from the Government of Punjab forwarding a copy of the —, recorded.	7th do. do. No. 1157 W.	......
Gratuity.—Proceedings, Pension Department, granting an extraordinary — of Rs. 82 to N. [illegible], widow of late V. N. [illegible], late [illegible] of the [illegible] quarry tramway, recorded.	7th do. do. No. 1158 W.	......
Pension.—Proceedings, Pension Department, granting an invalid — of Rs. 9-12-11 per mensem to D. Rama Row [illegible], late Clerk, Kistna Western Division, recorded.	7th do. do. No. 1159 W.	......
Jail at Coimbatore.—Proceedings, Judicial Department, sanctioning the purchase for Rs. 1,183-3-0 of the ground adjacent to the —, communicated to the Superintending Engineer, IV Circle, and the Examiner, Public Works Accounts.	8th do. do. No. 1162 W.	......
Colonel H. L. Prendergast, R.E., Superintending Engineer, V Circle.—Approving of the arrangements proposed by — consequent on his departure on privilege leave.	9th do. do. No. 1163 W.	17th April 1884, No. 995 W.
Gopálpur Harbour Bill and Pier.—Proceedings, Marine Department, passing orders in regard to the drafting of a bill for the Gopálpur Harbour and to the ways and means for constructing a pier at Gopálpur, recorded.	9th do. do. No. 1164 W.	11th Dec. 1883, No. 2632 W.

Subjects.	Numbers and Dates of Orders.	Numbers and Dates of previous Orders.
Objectionable Items Statement, Provincial, VI Circle, for February 1884.—Orders on —.	6th May 1884, No. 1165 W.	7th Mar. 1884, No. 628 W. 5th April 1884, No. 864 W.
Statement of payments made in England on account of Stores and Freight, Madras Irrigation and Navigation, and of invoices despatched to India during March 1884, communicated to officers concerned.	8th do. do. No. 1169 W.	18th Mar. 1884, No. 685 W.
Statement of payments made in England on account of Stores and Freight, Madras Harbour Works, and of invoices despatched to India during March 1884, communicated to officers concerned.	9th do. do. No. 1170 W.	18th Mar. 1884, No. 687 W. 4th April 1884, No. 849 W.
Objectionable Items Statement, Imperial and Provincial, III Circle, for February 1884.—Orders on —.	8th do. do. No. 1171 W.	1st Mar. 1884, No. 549 W. 9th April 1884, No. 812 W.
Objectionable Items Statement, Local, VI Circle, for February 1884.—Orders on —.	8th do. do. No. 1172 W.	17th Jan. 1884, No. 87 W. 7th Mar. 1884, No. 630 W. 9th April 1884, No. 903 W.
Objectionable Items Statement, Imperial, Madras Harbour Works, for February 1884.—Orders on —.	8th do. do. No. 1173 W.	7th Mar. 1884, No. 629 W. 5th April 1884, No. 841 W.
Sub-Registry Office at Nellikkuppam.—Proceedings, Judicial Department, ordering the transfer of the — to Ammayinayakanur, Madura District, communicated to the Superintending Engineer, VI Circle.	9th do. do. No. 1174 W.	11th Feb. 1884, No. 363 W. 15th Mar. 1884, No. 709 W. 27th Mar. 1884, No. 764 C.
Sangam Project Works.—Estimate of Rs. 24,560 for quarrying and dressing granite required for the —, sanctioned.	9th do. do. No. 1175 W.	......
G. Ranganatha Naidu, Draftsman, Consulting Architect's Office.—Proceedings, Educational Department, exempting — from the test of draftsman, 1st class, and sanctioning his entertainment after the age of 25 years of age, communicated to the Consulting Architect to Government.	9th do. do. No. 1176 W.	21st April 1883, No. 1288 W. 9th Feb. 1884, No. 359 W. 17th April 1884, No. 14 E.
Christian Cemetery at Cuddapah. The sanction of Government in the Financial Department to the excess outlay on repairs to the —, communicated to the Examiner, Public Works Accounts.	9th do. do. No. 1177 W.	16th April 1884, No. 734 D.
Objectionable Items Statement, Provincial and Local, I Circle, for October 1883.—The Superintending Engineer's explanation regarding certain items in the — with the Examiner's endorsement thereon, recorded.	8th do. do. No. 1179 W.	19th Jan. 1884, No. 186 W. 12th Jan. 1884, No. 85 W. 7th Dec. 1883, No. 3515 W.

Subjects.	Numbers and Date of Order.	Numbers and Dates of previous Orders.
		Continued. 14th Jan. 1884, No. 132 W. 14th Mar. 1884, No. 734 W. 31st Mar. 1884, No. 872 W.
Objectionable Item Statements, V Circle.—The explanation of the Superintending Engineer regarding certain items in certain —, recorded.	9th May 1884, No. 1180 W.	16th Aug. 1882, No. 2284 W. 20th Sept. 1883, No. 2052 W. 7th July 1883, No. 1765 W. 23rd Oct. 1883, No. 3008 W. 14th Dec. 1883, No. 3530 W. 12th Jan. 1884, No. 86 W. 29th April 1884, No. 811 D.
Mr. H. Baxter, Deputy Examiner, Public Works Accounts.—Sanctioning an advance of a month's pay to —, in consequence of the stoppage of the Oriental Bank Corporation wherein he had deposits.	9th do. do. No. 1181 W.	......
Mr. M. H. Dowdall, Accountant, 2nd Grade.—The services of — now doing duty in the Public Works Secretariat, replaced at the disposal of the Examiner, Public Works Accounts, from 22nd May 1884.	9th do. do. No. 1182 W.	26th Jan. 1881, Nos. 203, 203-A W. 22nd Mar. 1881, No. 596 W. 7th April 1881, No. 923 C.E. 21st April 1881, Nos. 1026-27 W. 7th June 1881, No. 1428 W. 2nd Nov. 1881, No. 2700 W. 15th Mar. 1882, Nos. 638-39 W. 3rd May 1882, No. 1121 W. 30th May 1882, No. 1341 W. 1st Aug. 1882, No. 1912 W. 27th Sept. 1882, No. 2518 W. 2nd April 1884, No. 693 D. 16th April 1884, No. 724 D.
Gunner J. Richardson.—Correspondence from the military authorities requesting that — who has been remanded to military duty may be asked to join that battery at St. Thomas' Mount from which he was transferred to the unattached list, communicated to the Superintending Engineer, II Circle.	9th do. do. No. 1183 W.	16th April 1884, No. 981 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Statement of payments made in England on account of Stores and Freight.—Provincial and Local Funds, Madras Public Works, and of invoices despatched to India during March 1884, communicated to officers concerned.	10th May 1884, No. 1184 W.	13th Mar. 1884, No. 686 W. 9th April 1884, No. 971 W.
Instruments and [illegible] purchased for use on the [illegible].—Estimate of Rs. 992 for —, sanctioned.	10th do. do. No. 1185 W.	2nd April 1883, No. 1010 W. 10th Aug. 1883, No. 1503 C. 8th Feb. 1883, No. 278 C. 22nd Feb. 1884, No. 448 C.
Budget Estimate of Incorporated Local (District) Funds, Punjab for 1884-85.—Letter from the Government of Punjab forwarding a copy of the —, recorded.	10th do. do. No. 1188 W.	7th May 1883, No. 1218 W.
Canal [illegible].—The appointment of — as a temporary overseer on Rs. 50 per mensem for employment in the [illegible] division sanctioned, and his exemption for that period [illegible] the overseer's [illegible] communicated to the Superintending Engineer, II Circle.	10th do. do. No. 1189 W.	17th Mar. 1884, No. 658 C. 3rd April 1884, No. 841 C.
Mr. R. F. Chisholm, Consulting Architect to the Government of Madras on leave.—Copy of Proceedings, Revenue Department, embodying copy of despatch from the Secretary of State intimating that — was in a position to supply the information required by the Court of Wards in respect to his accounts for the Parlakimedi estate works without coming over to India and that he would furnish the same direct to the Court of Wards, recorded.	12th do. do. No. 1192 W.	.....
Mr. R. F. Chisholm, Consulting Architect to Government, Madras, on leave to Europe.—Proceedings, Revenue Department, embodying Proceedings, Court of Wards, requesting — to send immediate orders to his *manager* at Madras and to his *agent* at Parlakimedi to furnish the auditor appointed by the court any accounts relative to the *Parlakimedi Palace Works* which he may require for audit, recorded.	12th do. do. No. 1193 W.	12th Mar 1884, No. 1192 W.
Mr. J. M. Bell, Executive Engineer.—Granting privilege leave for a month and 27 days from 3rd June 1884 to —.	12th do. do. No. 1197 W.	.....
Sub-Conductor [illegible] house at Hosúr which are possessed by Government.—Proceedings, Military Department, directing the occupation by the Conductor in charge of the Stud lines, Hosúr, of —, any extra accommodation being utilised as store rooms for tents, &c., communicated to the Superintending Engineer, IV Circle.	12th do. do. No. 1198 W.	27th Nov. 1883, No. 3382 W.
Objectionable Items Statement, Provincial and Local, I Circle, for February 1884.—Orders on —.	12th do. do. No. 1199 W.	16th Mar. 1884, No. 651 W. 18th April 1884, No. 1091 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Jetty at the port of Tellicherry.—Proceedings, Marine Department, regarding the scheme for the erection of a —, recorded.	12th May 1884, No. 1200 W.	......
Deputation allowance to Mr. Vincent.—Proceedings, Revenue Department, sanctioning the grant of —, while employed on special duty under the Court of Wards, recorded.	12th do. do. No. 1201 W.	......
Objectionable Items Statement, Provincial and Imperial, IV Circle, for February 1884.—Orders on —.	12th do. do. No. 1202 W.	25th Jan. 1883, No. 279 W. 22nd Mar. 1883, No. 851 W. 19th Jan. 1884, No. 161 W. 21st Jan. 1884, No. 183 W. 26th Mar. 1884, No. 775 W. 18th April 1884, No. 1092 W.
Submission of store returns by the Board of Revenue.—Proceedings, Financial Department, ordering the continuance of the — to the Accountant-General, and intimating to the latter officer that no further orders will be passed on his review of the store returns of the Civil Department, for 1882-83, recorded.	13th do. do. No. 1204 W.	17th Dec. 1883, No. 3698 W.
Stores consigned to Native States.—Proceedings, Financial Department, ordering the levy of 3 per cent recoverable from the states concerned by the Accountant-General, on the invoice value of — on account of departmental expenses connected with their handling, recorded.	13th do. do. No. 1206 W.	......
European and Eurasian Uncovenanted Servants.—List of — as they stood on 1st April 1884, ordered to be forwarded to the Government of India.	13th do. do. No. 1207 W.	23rd May 1882, Nos. 1280-81 W. 12th May 1883, Nos. 1465-6 W.
Docket to the Government of India	13th do. do. No. 1208 W.	......
Local Fund Budget, Salem Circle for 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	13th do. do. No. 1209 W.	8th Sept. 1883, No. 2587 W. 12th Oct. 1883, No. 2882 W.
Non-Commissioned Officers and men on probation as, for, the ... service in India.—Proceedings, Military Department, communicating letter from the Government of India admitting the claims to ... money already preferred in behalf of — and directing similar claims in future not to be admitted, communicated to officers of the Public Works Department.	13th do. do. No. 1210 W.	......
Local Fund Budget, Madras Circle, 1884-85.—Proceedings, Financial Department, reviewing the —, recorded.	13th do. do. No. 1211 W.	25th June 1883, No. 1783 W.

Subjects.	Number and Date of Orders.	Numbers and Dates of previous Orders.
Corrigendum to G.O., No. 854 W., dated 28th March 1884, sanctioning the Local Fund budget estimates, Bud issues, for 1884-85.	13th May 1884, No. 1212 W.	22nd Feb. 1884, No. 427 C. 5th Mar. 1884, No. 606 W. 11th Mar. 1884, No. 689 W. 28th Mar. 1884, No. 854 W.
Sub-Registrar's Office at Manantoddy.—Letter from the Superintending Engineer, IV Circle, stating that the estimate being prepared for a taluk cutchery at Manantoddy will contain provision for the — and that the estimate in question will be submitted shortly, communicated, with remarks, to the Judicial Department.	13th do. do. No. 1213 W.	3rd Mar. 1884, No. 581 W. 9th April 1884, No. 697 D.
P. Ramaswami Pandey, late Overseer.—Letter from the Superintending Engineer, II Circle, inquiring of the date from which the dismissal of — is to have effect, recorded.	13th do. do. No. 1214 W.	26th Feb. 1884, No. 385 D. 5th Mar. 1884, No. 427 D. 15th Mar. 1884, No. 722 W. 17th Mar. 1884, No. 534 D. 2nd April 1884, No. 860 C. 2nd May 1884, No. 1089 W.
Police Guard for the Coimbatore Western Divisional Office.—Letter from the Superintending Engineer, I Circle, stating that the — which was applied for and sanctioned, is now found to be unnecessary, recorded.	13th do. do. No. 1215 W.	17th Dec. 1883, No. 3881 W.
Local Fund Budget, Malabar Circle, 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	13th do. do. No. 1216 W.	28th June 1883, No. 1818 W. 10th May 1883, No. 1368 W.
European Infantry Barracks at Cannanore.—Letter from the Superintending Engineer, IV Circle, forwarding, for information, correspondence on the subject of the repairs to the — which have been already put in hand under orders of the commanding officer, recorded.	13th do. do. No. 1217 W.	1st May 1884, No. 1080 W.
Expenditure Statement, Provincial and Excluded Local, Architect Division for February 1884.—Orders on —.	13th do. do. No. 1218 W.	11th Feb. 1884, No. 396 W. 12th Mar. 1884, No. 673 W. 9th April 1884, No. 965 W.
M. C. Rangasamy Pillay.—Exemption of — from the overseer's test for employment in the Tank Division, communicated to the Superintendent of Works, Tank Maintenance Scheme.	13th do. do. No. 1219 W.	14th Oct. 1878, No. 1968 W. 8th April 1879, No. 1105 W. 27th Mar. 1878, No. 1568 W. 17th Oct. 1878, No. 1055 W. 11th April 1878, No. 1807 W.

Subject.	Number and Date of Order.	Number and Date of previous Orders.
		Continued. 14th Mar. 1882, No. 653 W. 21st April 1883, No. 1279 W. 7th Jan. 1884, No. 13 D. 18th April 1884, No. 571 C. 18th April 1884, No. 1003 W. 29th April 1884, No. 912 D.
Police Powder Magazine, Kovalaguvu.—Proceedings, Judicial Department, sanctioning the repairs to the —, South Arcot District, being carried out by the Public Works Department, communicated to the Superintending Engineer, V Circle.	13th May 1884, No. 1220 W.	......
Erratum in the Superintending Engineer's letter printed with G.O., No. 771 W., dated 22nd March 1884, fixing the permanent pay of certain Delta Superintendents, I Circle.	13th do. do. No. 1221 W.	22nd Mar. 1884, No. 771 W.
Budget Estimates of the Local Incorporated Funds, North-West Provinces and Oudh, Buildings and Roads Branch (Local Funds) for 1884-85.—Letter from the Government of North-West Provinces and Oudh forwarding a copy of the —, recorded.	13th do. do. No. 1222 W.	2nd May 1883, No. 1289 W.
Messrs. Fribourg and Company, Peregrine Tannery, Calcutta.—Proceedings, Financial Department, forwarding letter from — requesting that orders for leather and leather goods may be addressed to them, recorded.	14th do. do. No. 1223 W.	5th April 1883, No. 1042 W. 14th July 1883, No. 1870 W.
Senior Clerks of the Offices of the Executive, Public Works Accounts.—Declining to sanction the increase of pay applied for to the two —.	14th do. do. No. 1224 W.	11th Dec. 1879, No. 3495 W. 26th Feb. 1880, Nos. 620-21 W. 14th July 1881, No. 1729 W. 2nd Oct. 1882, No. 2551 W. 2nd Aug. 1883, No. 2127 W. 3rd Aug. 1883, No. 2154 W. 16th Aug. 1883, Nos. 2302-3 W. 12th Oct. 1883, No. 2846 W. 29th Nov. 1883, No. 3397 W.
Lieutenant-Colonel F. Montgomerie, R.E., Superintending Engineer, I Circle.—Sanctioning the sale to a native gentleman by — of his office carriage for Rs. 250.	14th do. do. No. 1225 W.	22nd Feb. 1884, No. 505 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Machinery for reconstruction of the Madras Harbour.—Mr. F. N. Thorowgood ordered to proceed to England at once to consult with Mr. Parkes respecting —.	14th May 1884, No. 1236-A W.	......
Temporary Clerk of the Office of General Superintendent, Public Works Stores.—Stating that no specific appropriation of funds being, under recent arrangements, necessary to meet the pay of the — during 1884-85, the outlay will be adjusted from the lump sum provision for temporary establishments under office.	15th do. do. No. 1237 W.	24th Jan. 1883, No. 273 W. 22nd Jan. 1884, No. 158 C. 24th Jan. 1884, No. 175 D. 9th Feb. 1884, No. 347 W. 3rd Mar. 1884, No. 570 W.
Madras Quarterly Army List.—The supply of two copies of the — to the Presidency Division, sanctioned.	15th do. do. No. 1238 W.	......
Establishment.—Proceedings, Revenue Department, declaring disqualified for public service certain [illegible] of the Revenue Survey Department, who were convicted and sentenced by a magistrate for certain criminal offences, communicated to the officers of the Public Works Department.	15th do. do. No. 1240 W.	......
Local Fund Budget, Negapatam Circle, 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	15th do. do. No. 1241 W.	10th Sept. 1883, No. 2534 W. 11th Oct. [illegible], No. 2956 W.
Local Fund Budget, Shevaddet Circle, 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	15th do. do. No. 1242 W.	23rd Aug. 1883, No. 2309 W. 18th Sept. 1883, No. 2624 W.
Local Fund Budget, Aurangar Circle, 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	15th do. do. No. 1243 W.	21st Aug. 1883, No. 2356 W. 17th Sept. 1883, No. 2615 W.
C. Venkataramaniah, Temporary Overseer, IV Circle.—Stating that no specific appropriation of funds being, under recent arrangements, necessary on account of pay, &c., of [illegible] the outlay will be adjusted from the lump sum provision for temporary establishment under "Upper subordinates."	15th do. do. No. 1244 W.	......
Gymnastic Apparatus.—Proceedings, Military Department, directing that all fixed apparatus for gymnasia be supplied by the Public Works Department, communicated to officers of the Public Works Department.	15th do. do. No. 1245 W.	4th Mar. 1881, No. 576 W.
Local Fund Budget, Lawbyed Circle, 1884-85.—Proceedings, Board of Revenue, circulating the —, recorded.	15th do. do. No. 1246 W.	1st Sept. 1883, No. 2158 W.
Maistri for the Public Works Secretariat.—Sanctioning the permanent entertainment of a second — on Rs. 12 per mensem.	15th do. do. No. 1247 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Bi-monthly Return of Stores under Provision by the Director-General of Stores for India.—The —, communicated to officers concerned.	16th May 1884, No. 1249 W.	6th Mar. 1884, No. 623 W.
Boiler for a Goliath Crane on the Madras Harbour Works.—Letter from the Superintendent, Madras Harbour Works, requesting to expedite the supply of the new — which has been indented for, from home, recorded.	16th do. do. No. 1251 W.	3rd June 1882, No. 155 E. 12th June 1882, No. 1466 A W, and 1459-B W. 12th June 1882, No. 1466-C W. 6th Mar. 1884, No. 623 W.
Bicycle Tool.—Estimate of Rs. 90 for the purchase of a — for the use of the Vriddhachalam Sub-Divisional Office, South Arcot Division, sanctioned.	17th do. do. No. 1263 W.	......
Exchanges of appointments.—The approval of Her Majesty's Government on a certain understanding to — between officers of the Royal Engineers serving in India and those under orders for duty in that country, communicated to Royal Engineer Officers of the Public Works Department for information.	17th do. do. No. 1254 W.	......
Arab Philanthropic Sale of Carnatic, Madras.—Approving of the proposal of the Collector of Madras to order evidence to be taken of what portion of the damages to the property of — has been the effect of the construction of the Harbour Works, so that compensation may be awarded for that portion.	19th do. do. No. 1255 W.	11th July 1882, No. 263 E. 7th Aug. 1882, No. 2982 W. 18th July 1882, No. 1898 W. 8th Mar. 1884, No. 589 C.
Objectionable Items Statement, Provincial and Imperial, V Circle, for February 1884.—Orders on —.	19th do. do. No. 1256 W.	12th Mar. 1884, No. 711 W. 17th April 1884, No. 999 W. 6th May 1884, No. 367 D.
Christian burial-grounds in Ganjam.—Proceedings, Ecclesiastical Department, recording report on the condition of the — for 1883, recorded.	19th do. do. No. 1257 W.	16th Mar. 1883, No. 823 W.
Temporary Draftsman in the Office of the Superintending Engineer, V Circle.—The entertainment of a — on Rs. 40 per mensem for making copies of plans of ordnance buildings required for the Director-General of Ordnance, sanctioned.	19th do. do. No. 1262 W.	7th May 1884, No. 374 D.
Inspection Report on the port of Cuddalore.—Orders in the Marine Department on the Master Attendant's —, communicated to the Consulting Engineer for Railways and the Superintending Engineer, V Circle.	20th do. do. No. 1264 W.	......
Local Fund Budget, Vellore Circle, 1884-85.—Proceedings, Financial Department, reviewing the —, recorded.	20th do. do. No. 1265 W.	20th Mar 1884, No. 2067 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Transfer of Funds.—Rs. 20,000 transferred from the work of alteration of the road and replanting the Chepauk grounds to that of constructing a bridge over the Buckingham Canal near the Smoke House at Madras.	21st May 1884, No. 1266 W.	7th May 1884, No. 1160 W.
Road at Gopálpur.—Proceedings, Board of Revenue, submitting letter from President, Local Fund Boards, Ganjam, furnishing certain information called for in Government Order sanctioning estimate for constructing a —, recorded.	21st do. do. No. 1267 W.	6th Dec. 1882, No. 3211 W. 26th Feb. 1884, No. 457 W.
Local Fund Budget, Eleventh Circle, 1884-85.—Proceedings, Financial Department, reviewing and passing the —, recorded.	21st do. do. No. 1268 W.	11th Aug. 1883, No. 2236 W. 12th Sept. 1883, No. 2554 W.
Local Fund Engineering Establishments.—Proceedings, Financial Department, directing Local Fund Boards to submit statements showing the strength and cost of the — they would propose to entertain with a view to their reorganization, recorded.	21st do. do. No. 1270 W.	2nd Feb. 1884, No. 246 C. 11th Dec. 1883, No. 2472 C. 20th Sept. 1883, No. 1739 C. 17th Sept. 1883, No. 1745 C. 17th Sept. 1883, No. 1744 C. 17th Sept. 1883, No. 1749 C. 10th Aug. 1883, No. 2218 W. 11th July 1883, No. 1934 W.
Reports on Indian Harbours.—Letter from the Secretary, Public Works Department, India Office, intimating that the only copy which can be spared of Mr. George Robertson's — will be sent at once by book post to the Secretary, Public Works Department, Madras, recorded.	21st do. do. No. 1277 W.	30th Mar. 1884, Des. No. $\frac{8}{750}$ W.
Gratuity.—Proceedings, Pension Department, granting a compensation — of Rs. 144 to Javarah Sahib, late Petty Establishment Maistry, Godávari, recorded.	21st do. do. No. 1278 W.	......
Revised Rules for military prisons in India.—Proceedings, Military Department, intimating the sanction of the Government of India to the insertion of certain words in paragraph 87 of the — regarding damages committed by prisoners, recorded.	21st do. do. No. 1279 W.	......
Report on Native Newspapers for March 1884, recorded.	21st do. do. No. 1280 W.	......
Provincial Budget Estimate, preliminary issue for 1884-85.—The Superintending Engineer, VI Circle, informed that the errors pointed out by him in the — have been corrected in the final issue.	23rd do. do. No. 1281 W.	8th Feb. 1884, No. 340 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Temporary Overseers and their Clerks in all the Divisions of the II Circle except the Bezwada Division.—Letter from the Superintending Engineer forwarding for an allotment of funds, &c., a statement of Rs. 3,200 to meet the travelling allowances of the — and the contingencies of the Gudivada division, recorded.	23rd May 1884, No. 1292 W.	2nd Dec. 1882, No. 972 I. 7th Aug. 1883, No. 2176 W. 28th Aug. 1883, No. 2414 W. 22nd Mar. 1884, No. 779 W.
Statement showing the estimated outlay against indents received in England up to end of February 1884, for Stores for the Public Works and Telegraph Departments.—Letter from the Government of India forwarding copy of a —, communicated to officers concerned.	23rd do. do. No. 1293 W.	3rd April 1884, No. 8.5 W.
Mr. F. N. Thorowgood, Superintendent, Madras Harbour Works.—Forwarding to the Secretary, Public Works Department, India Office, copy of a telegram despatched to the Secretary of State for India intimating that — has been directed to proceed to England, and that an important letter from Master Attendant about harbour has been sent him privately.	23rd do. do. No. 1294 W.	.....
Mr. F. N. Thorowgood, Superintendent, Madras Harbour Works.—Report from — of the date of his departure to England, recorded.	23rd do. do. No. 1295 W.	14th May 1884, No. 1236-A W.
Mr. J. Gray, Storekeeper, Presidency Public Works Stores.—Sanction of the Government of India to the increase of the pay of — from Rs. 250 to Rs. 300 per mensem, communicated to the General Superintendent, Public Works Stores.	23rd do. do. No. 1301 W.	8th Mar. 1884, Nos. 626-0 W. 25th Jan. 1884, Nos. 229-1 W. 26th Sept. 1883, No. 1885 R.
Stock Manufacture at Wellington.—Estimate of Rs. 2,210 for — during 1884-85, sanctioned.	23rd do. do. No. 1302 W.	.....
Dawes Parrish, Temporary Overseer.—Letter from the Superintending Engineer, II Circle, requesting to have orders exempting — from passing the Overseer's test, recorded.	23rd do. do. No. 1303 W.	17th Mar. 1884, No. 650 C. 3rd April 1884, No. 811 C. 13th May 1884, No. 1189 W. 15th April 1884, No. 973 W.
V. Subramania Sastry, Overseer, 3rd Grade, informed, in reply to his memorial complaining of supersession of overseers of the lower grades, that arrangements have recently been sanctioned which promise a more rapid flow of promotion.	23rd do. do. No. 1304 W.	11th Feb. 1884, No. 317 C. 9th Nov. 1883, Nos. 3129-30 W. 6th Nov. 1883, No. 2141 C. 24th Oct. 1883, No. 473 E. 22nd Sept. 1883, No. 1785 C. 9th Aug. 1883, No. 2164 W. 6th July 1883, Nos. 1889-90 W. 26th June 1883, No. 1200 C.

Subjects.	Number and Date of Order.	Number and Dates of previous Orders.
		(Continued.) 9th May 1883, No. 1362 W. 30th Mar. 1883, No. 976 W. 22nd Feb. 1883, No. 580 W. 22nd Feb. 1883, Nos. 571-2 W. 17th Feb. 1883, No. 535 W. 11th Jan. 1883, No. 108 W. 18th Nov. 1882, No. 3057 W. 18th Nov. 1882, No. 3056 W. 14th Nov. 1882, No. 3008 W. 30th Oct. 1882, No. 2849 W. 16th Oct. 1882, No. 2722 W. 24th Aug. 1882, No. 2194 W. 24th Aug. 1882, No. 2193 W. 9th Aug. 1882, No. 20? (Educational). 10th July 1882, No. 420 E. 21st June 1882, No. 101 (Educational). 16th June 1882, No. 1512 W. 10th Mar. 1882, No. 673 W. 16th Nov. 1881, No. 2862 W. 4th Nov. 1881, No. 2730 W. 2nd Nov. 1881, No. 2703 W. 6th Oct. 1881, No. 2527 W.
K. Narayana Naidu, late Sub-Overseer, Local Fund Department, North Arcot.—Proceedings, Pension Department, ordering that — is not at present entitled to any retiring allowance and that if re-employed under Government his former service will count towards pension under certain restrictions, recorded.	23rd May 1884, No. 1505 W.	26th Oct. 1883, No. 2689 W. 23rd Nov. 1883, No. 2812 C.
Lieutenant-Colonel Ross Thompson, R.E.—Proceedings, Military Department, communicating the sanction of the Government of India to the withdrawal of the retrenchment against — for over-drawn allowances while on active service with the "Queen's Own" Madras Sappers and Miners in Afghanistan, communicated to Lieutenant-Colonel Thompson and to the Examiner, Public Works Accounts.	26th do. do. No. 1311 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Budget Estimate for Provincial Services for 1884-85 (Final Issue).—Reminder from the Government of India for submission of the —, lodged.	20th May 1884, No. 1312 W.	24th April 1884, No. 1046 W.
Stables and Shelter for Military Assistance Transport.—Correspondence on the question of constructing —, adjoining the mule stables on the north beach, Madras, recorded.	26th do. do. No. 1319 W.	19th May 1884, No. 1261 W. 6th Nov. 1883, No. 2135 C. 26th Oct. 1883, No. 2056 C. 26th Oct. 1883, No. 2061 C. 1st Oct. 1883, No. 2743 W. 4th Aug. 1883, No. 2140 W. 5th April 1883, No. 1088 W. 26th Mar. 1883, No. 717 C. 22nd Feb. 1883, No. 564 W. 8th Jan. 1883, No. 28 W. 15th Oct. 1881, No. 2420 W. 20th Dec. 1882, No. 3670 W.
Mr. F. N. Thorowgood, Superintendent, Madras Harbour Works.—Ordered that the last pay certificate submitted by the Examiner, Public Works Accounts, of —, who has been ordered to England on special duty, be forwarded to the Home Government.	26th do. do. No. 1320 W.	......
Letter to the Under Secretary of State for India ...	26th do. do. No. 1321 W.	......
Mr. W. S. Haig, Assistant Engineer.—A duplicate copy of the medical case of —, forwarded to the Home Government.	26th do. do. No. 1322 W.	3rd May 1884, Nos. 1161-2 W.
Budget Estimate of the Provincial Services, Public Works Department, Punjab, for 1884-85 (Final issue).—Letter from the Government of Punjab forwarding a copy of the —, recorded.	26th do. do. No. 1323 W.	4th May 1883, No. 1307 W.
Communications to the Public Works Secretariat, Punjab.—Circular memorandum from the Government of Punjab intimating what — should be addressed to the Simla and the Lahore Branches, severally, recorded.	28th do. do. No. 1324 W.	......
Local Fund Budget, Negapatam Circle, 1884-85.—Proceedings, Board of Revenue, reviewing and submitting to Government the —, recorded.	26th do. do. No. 1325 W.	......
Damages committed by prisoners in barrack cells.—Proceedings, Military Department, embodying the decision of the Government of India on the subject of the settlement of claims for —, recorded.	28th do. do. No. 1326 W.	......

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Travelling allowance to the upper subordinate who may happen to be placed in charge of Sand Canals or Exception sub-division.—Copy of letter from the Financial Department to the Government of India recommending that — be allowed at the rates allowed to an Assistant Engineer, recorded.	26th May 1884, No. 1327 W.	......
Old Barracks at Madura.—The sanction of Government in the Judicial Department to the transfer of the portion of the — occupied as a dwelling by the reserve inspector of police to the Public Works Department, communicated to the Superintending Engineer, VI Circle.	27th do. do. No. 1326 W.	......
Materials required for improvements to the Collector's residency at Chittoor.—Sanctioning a charge of Rs. 30 being incurred as fee for the vakil engaged to protest against the attachment of the —, by an order of the munsif's court.	27th do. do. No. 1321 W.	8th Oct. 1883, No. 2810 W.
Photographs of native buildings taken by Colonel H. Dixon.—The Resident in Mysore requested to procure copies of — exhibited at the Calcutta exhibition by the Mysore Government for the use of the Consulting Architect's office at Madras.	27th do. do. No. 1332 W.	......
Teak timber for the use of the Public Works Department, Madras.—Proceedings, Revenue Department, embodying a report from the Conservator of Forests, Northern Circle, that his circle will not be able to supply — during the current year, communicated to officers concerned.	27th do. do. No. 1333 W.	......
Monthly Appropriation Return, Imperial and Provincial, for April 1884.—The —, forwarded to the Accountant-General, Public Works Department.	27th do. do. No. 1336 W.	7th May 1884, No. 1144 W.
Temporary Establishment, V Circle.—Statement of —, requiring funds in 1884-85, recorded.	28th do. do. No. 1335 W.	14th May 1884, No. 1234 W. 6th May 1884, No. 1135 W.
Mr. C. F. Hardcastle, Assistant Engineer.—Sanctioning a reward of Rs. 150 to —, for having passed the 3rd-class test (departmental standard) in Telugu.	28th do. do. No. 1336 W.	19th Feb. 1884, No. 406 C. 28th Sept. 1883, No. 2732 W. 16th Aug. 1883, No. 2236 W. 11th May 1883, No. 1377 W. 16th June 1883, No. 1135 C. 19th Feb. 1883, No. 455 W. 30th April 1884, No. 824 D. 6th May 1884, No. 865 D.

Subjects.	Number and Date of Order.	Number and Date of previous Orders.
Iron Pontoon bridge across the Vizagapatam back-water.—Proceedings, Financial Department, sanctioning, with remarks, plans and estimates for constructing an —, communicated to the Superintending Engineer, I Circle.	29th May 1884. No. 1337 W.	6th Dec. 1882, No. 3211 W.
Pinnacle for the Public Works Office at Chingleput.—Estimate of Rs. 1,034 for provision of new —, sanctioned.	28th do. do. No. 1328 W.	29th Mar. 1884, No. 873 G.
Quarters for the Sub-registrars and Mess Clerks at Vayalpad and Gudiyattam.—Stating that no funds are now available for the construction of — but that the Inspector-General of Registration may propose a re-appropriation of any of the existing grants should he desire to do so.	28th do. do. No. 1339 W.	17th Aug. 1883, No. 2316 W.
Sanitary and Sea Mangalore.—Proceedings, Financial Department, ordering Rs. 5,007 to be placed at the disposal of the Public Works Department from Port funds for repairing the —, recorded.	28th do. do. No. 1340 W.	1st May 1884, No. 1081 W.
Care in which a Pontoon was removed by the police from the Madras Harbour Works.—Proceedings, Judicial Department, regarding a —, communicated to the Superintendent, Madras Harbour Works.	28th do. do. No. 1341 W.	......
Objectionable Items Statement, Provincial and Local, I Circle, for November 1883.—Explanation of the Superintending Engineer with regard to orders on certain items in the — and the endorsement by the Examiner, Public Works Accounts, thereon, recorded.	28th do. do. No. 1342 W.	12th Jan. 1884, No. 95 W. 14th Jan. 1884, No. 108 W. 7th Dec. 1883, No. 3516 W. 14th Jan. 1884, No. 102 W. 14th Mar. 1884, No. 704 W. 31st Mar. 1884, No. 872 W. 9th May 1884, No. 1172 W. 14th Feb. 1884, No. 400 W.
Mr. L. P. DeCosta, Temporary Engineer.—The deduction of —, as to the nature of his temporary appointment, recorded.	28th do. do. No. 1343 W.	11th Mar. 1884, No. 657 W. 18th April 1884, No. 1013 W.
European Infantry Barracks at Cannanore.—The Superintending Engineer, IV Circle, informed that the question of funds for repairs to the — will be considered in connection with the statements of demands now under disposal.	29th do. do. No. 1344 W.	1st May 1884, No. 1086 W. 12th May 1884, No. 1217 W.
Rough-cases of Lime and quarrying of Stone for use in the Malabar Western Division.—Estimates, amounting to Rs. 7,129, for the — during 1884-85, sanctioned.	29th do. do. No. 1345 W.	13th July 1882, No. 548 I. 4th April 1881, No. 915 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
Travelling allowance to a Superintendent of Works doing the work of a Superintending Engineer.—Lieutenant-Colonel H. M. Tibert, R.E., informed, with reference to his suggestion that it may be ruled that the — should be at Rs. 6 instead of Rs. 5 per diem, that Government of India have declined to do so on similar suggestion before and that it is not desirable to again submit the question to them.	29th May 1884, No. 1546 W.	30th Nov 1882, Nos. 1566-7 B. 24th Jan. 1884, No. 114 R. 11th May 1883, No. 1889 W. 8th June 1882, No. 1598 W. 24th Aug. 1883, No. 2394 W. 30th Aug. 1883, No. 2429 W. 8th May 1884, No. 882 D.
Ancient Monuments.—Proceedings, Public Department, directing Mr. R. Sewell to prepare classified list of — to be preserved in the Presidency, communicated to officers of the Public Works Department.	29th do. do. No. 1547 W.	14th Jan. 1884, No. 106 W.
Wellington Cottage on Bowling Castle Hill, Ootacamund.—Orders in the Military Department on correspondence relative to the completion of — by the Misses Ward communicated to the Superintending Engineer, IV Circle.	29th do. do. No. 1548 W.	26th Mar. 1884, No. 849 W.
Irrigation Conservancy Establishment.—Proceedings, Financial Department, declining to pass a general order withdrawing the restriction on account of age in the case of passed surveyors employed on the —, communicated to the Superintending Engineer, VI Circle.	29th do. do. No. 1549 W.	14th April 1884, No. 883 W.
Telegraph Signallers' quarters at Berhampore.—Ordered that the Director-General of Telegraphs in India be informed that the Rs. 17,479 provided in the final issue of the Imperial other services budget for 1884-85 for the — is all that can be promised to be spent on the work during current official year, and that additional funds will be applied for if later on it is found that more can be spent.	29th do. do. No. 1550 W.	19th Jan. 1884, No. 156 W. 21st Dec. 1883, No. 3678 W. 21st Mar. 1884, No. 789 W. 25th April 1884, No. 902 D.
Letter to the Director-General of Telegraphs in India.	29th do. do. No. 1551 W.	......
Mr. C. Vansal, Executive Engineer.—Passing orders on letter from —, relative to his prospects of promotion, noticing the tone of the letter.	30th do. do. No. 1552 W.	17th Oct. 1883, No. 2933 W. 24th Oct. 1883, No. 3012 W. 30th Nov. 1883, No. 3422 W. 30th Nov. 1883, No. 3422 W. 11th Aug. 1883, Nos. 2229-30 W. 4th Aug. 1883, No. 1494 C. 12th Feb. 1883, No. 163 I. 11th Dec. 1882, No. 3276 W. 11th Dec. 1883, No. 3272 W.

Subjects.	Number and Date of Order.	Numbers and Dates of previous Orders.
		(Continued). 16th Oct. 1882, No. 2850 W. 13th Oct. 1882, No. 2996 W. 5th May 1882, No. 1140 W. 27th Mar. 1882, No. 811 W. 27th Mar. 1882, No. 809 W. 3rd Nov. 1881, No. 2731 W.
Establishment of the Tank Maintenance Scheme.—Letter from the Superintendent of Works in charge of the Scheme submitting statement of funds required for the ---- for 1884-85, recorded.	30th May 1884, No. 1380 W.	......
Mr. E. Walters, Temporary Engineer.—Ordered that the petition of — praying for restoration to the permanent establishment of the Public Works Department be transmitted to the Government of India.	30th do. do. No. 1381 W.	......
Above forwarded to the Government of India with remarks.	30th do. do. No. 1382 W.	......
Gratuity.—Proceedings, Pension Department, sanctioning a compensation — of Rs. 45 to B. Seenivasan Pillay, late petty establishment maistry, Kurnool division, recorded.	30th do. do. No. 1383 W.	......
Return showing the receipt and disposal of accounts in the office of the Examiner, Public Works Accounts, Madras, from 21st April to the 20th May 1884, recorded.	30th do. do. No. 1384 W.	24th April 1884, No. 793 D. 9th May 1884, No. 264 C.
Summaries of Works.—Letter from the Superintending Engineer, I Circle, intimating that the names of the works from which he made certain — have been already communicated, recorded.	30th do. do. No. 1385 W.	28th Feb. 1884, No. 536 W. 15th Mar. 1884, No. 645 W. 7th Mar. 1884, No. 526 W.